

## SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Gwen Liang Examiner #: 79180 Date: 12/13/2  
Art Unit: 2172 Phone Number 30 5-3985 Serial Number: 09/096,765  
Mail Box and Bldg/Room Location: \_\_\_\_\_ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

\*\*\*\*\*

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc. if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Component Management System

Inventors (please provide full names): \_\_\_\_\_

Earliest Priority Filing Date: 9/27/99

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

New Focus: Concentrate on finding  
a computer parts  
database

\*\*\*\*\*  
STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher: <u>C. F. Liang ST. L. G. G.</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: <u>202-7800</u>	AA Sequence (#) _____	Dialog _____
Searcher Location: <u>61300</u>	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: <u>12/13/2</u>	Bibliographic <input checked="" type="checkbox"/>	Dr. Link _____
Date Completed: <u>12/13/2</u>	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: <u>30 min</u>	Fulltext <input checked="" type="checkbox"/>	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: <u>1.5 hours</u>	Other _____	Other (specify) _____

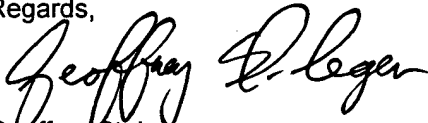
December 13, 2002

Dear Ms. Liang,

Attached please find the results of your search request for application #09/626,965. I searched Dialog's foreign patent files, technical databases, product announcement files and general files.

Please let me know if you have any questions.

Regards,

A handwritten signature in black ink, appearing to read "Geoffrey St. Leger". The signature is fluid and cursive, with the first name "Geoffrey" written in a larger, more prominent script than the last name "St. Leger".

Geoffrey St. Leger  
4B30/308-7800

File 275:Gale Group Computer DB(TM) 1983-2002/Dec 13  
     (c) 2002 The Gale Group  
 File 47:Gale Group Magazine DB(TM) 1959-2002/Dec 10  
     (c) 2002 The Gale group  
 File 621:Gale Group New Prod.Annou.(R) 1985-2002/Dec 12  
     (c) 2002 The Gale Group  
 File 636:Gale Group Newsletter DB(TM) 1987-2002/Dec 13  
     (c) 2002 The Gale Group  
 File 16:Gale Group PROMT(R) 1990-2002/Dec 13  
     (c) 2002 The Gale Group  
 File 160:Gale Group PROMT(R) 1972-1989  
     (c) 1999 The Gale Group  
 File 148:Gale Group Trade & Industry DB 1976-2002/Dec 12  
     (c)2002 The Gale Group  
 File 624:McGraw-Hill Publications 1985-2002/Dec 13  
     (c) 2002 McGraw-Hill Co. Inc  
 File 98:General Sci Abs/Full-Text 1984-2002/Nov  
     (c) 2002 The HW Wilson Co.  
 File 553:Wilson Bus. Abs. FullText 1982-2002/Oct  
     (c) 2002 The HW Wilson Co  
 File 88:Gale Group Business A.R.T.S. 1976-2002/Dec 09  
     (c) 2002 The Gale Group  
 File 15:ABI/Inform(R) 1971-2002/Dec 13  
     (c) 2002 ProQuest Info&Learning  
 File 635:Business Dateline(R) 1985-2002/Dec 13  
     (c) 2002 ProQuest Info&Learning  
 File 9:Business & Industry(R) Jul/1994-2002/Dec 12  
     (c) 2002 Resp. DB Svcs.  
 File 810:Business Wire 1986-1999/Feb 28  
     (c) 1999 Business Wire  
 File 647:CMP Computer Fulltext 1988-2002/Nov W3  
     (c) 2002 CMP Media, LLC  
 File 674:Computer News Fulltext 1989-2002/Dec W2  
     (c) 2002 IDG Communications  
 File 696:DIALOG Telecom. Newsletters 1995-2002/Dec 12  
     (c) 2002 The Dialog Corp.  
 File 369:New Scientist 1994-2002/Dec W1  
     (c) 2002 Reed Business Information Ltd.  
 File 813:PR Newswire 1987-1999/Apr 30  
     (c) 1999 PR Newswire Association Inc  
 File 634:San Jose Mercury Jun 1985-2002/Dec 12  
     (c) 2002 San Jose Mercury News  
 File 370:Science 1996-1999/Jul W3  
     (c) 1999 AAAS  
 File 613:PR Newswire 1999-2002/Dec 13  
     (c) 2002 PR Newswire Association Inc  
 File 610:Business Wire 1999-2002/Dec 13  
     (c) 2002 Business Wire.

Set	Items	Description
S1	450	(DATABASE? ? OR DATA()BASE? ? OR REPOSITOR???) (3N) (COMPUTE- R? ? OR PC) (3N) (PARTS OR COMPONENTS)
S2	297	RD (unique items)
S3	262	S2 NOT PD>19990927
S4	19181	(COMPUTER? ? OR PC) () (PARTS OR COMPONENTS)
S5	45	S4(5N) (DATABASE? ? OR DATA()BASE? ? OR REPOSITOR???)
S6	32	RD (unique items)

6/9/1 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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02243727 SUPPLIER NUMBER: 53229703  
**The new face of artificial intelligence. (Company Business and Marketing)**  
Lyons, Daniel  
Forbes, 172(1)  
Nov 30, 1998  
ISSN: 0015-6914 LANGUAGE: English RECORD TYPE: Abstract

ABSTRACT: PcOrder.com is now using electronic commerce as a new means of marketing their computers. The technology allows customers to chose the features they want, from speed to hard drive space. PcOrder.com's web site allows customers to view a **database** of over 600,000 **computer parts** from over 1,000 manufacturers to see stock availability and price. In addition, software from pcOrder allows manufacturers to set up Web sites and take direct orders from customers. Thsi new service will add more competition to the successful e-commerce practice of Dell Computer. It is predicted that the business-to-business electronic commerce will expand from an \$8 billion in 1997 to \$327 billion in 2002.

COMPANY NAMES: pcOrder.com--Marketing  
GEOGRAPHIC CODES/NAMES: 1USA United States  
DESCRIPTORS: Electronic Commerce; Company Marketing Practices  
PRODUCT/INDUSTRY NAMES: 3573000 (Computers & Peripherals)  
SIC CODES: 3571 Electronic computers  
FILE SEGMENT: MI File 47

6/9/4 (Item 4 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01602150 SUPPLIER NUMBER: 13914769 (THIS IS THE FULL TEXT)  
**Online service helps shoppers find and buy computer parts. (Computer Parts Connection) (Brief Article)**  
O'Brien, Jim  
Computer Shopper, v13, n7, p62(1)  
July, 1993  
DOCUMENT TYPE: Brief Article ISSN: 0886-0556 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT  
WORD COUNT: 225 LINE COUNT: 00017

TEXT:

Launched earlier this year, Computer Parts Connection (CPC) is a dial-in online database dedicated to helping individuals and repair facilities find and buy computer parts.

Not so much an online computer outlet as a group of listings, CPC took its cue from the proprietary networks and databases that automobile repair shops have used for years to locate out-of-stock items. Callers can scan listings of available parts and peripherals, from printers to optical disk drives. As with automobile dealers, used and refurbished parts are also available.

Each listing shows the vendor's name, number, and the quantity of each item. Vendors can also purchase "ads" displaying further information.

While the listing service is free to callers, CPC co-founder Ronald Tucker said he's looking at ways to encourage transactions between vendors not listed on the service and customers who pay a transaction fee to CPC.

Tucker's Text-Based Imaging Corp. provides the software for the service's database (CPC is not a traditional BBS) and, unfortunately, doesn't let you buy equipment online with a credit card. If the service proves successful, however, that many change, said Tucker.

Call (714) 858-3368 at 8N1 to dial into the CPC host. Type Parts in place of user ID and Buyer as the password.

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DESCRIPTORS: Online Information Service; Parts Supply; Computers;

Database

SIC CODES: 7375 Information retrieval services

TRADE NAMES: **Computer Parts** Connection (Online **database**)--Design and construction

FILE SEGMENT: CD File 275

6/9/14 (Item 14 from file: 275)

DIALOG(R) File 275:Gale Group Computer DB(TM)

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01301623 SUPPLIER NUMBER: 07321200 (THIS IS THE FULL TEXT)

**Shirtsleeve SQL. (beginning instruction in Structured Query Language)**

**(Hands-on SQL) (column)**

Sayles, Jonathan S.

Data Based Advisor, v7, n6, p35(4)

June, 1989

DOCUMENT TYPE: column ISSN: 0740-5200 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1727 LINE COUNT: 00141

ABSTRACT: The first in a series explaining the basics of Structured Query Language (SQL) for users of relational database management systems (RDBMS) such as Oracle, Ingres, SQLBase or XDB. The dialect of SQL discussed conforms to IBM's OS-2 Database Manager language standard. Basic terms and concepts required for understanding RDBMSs are defined. SQL capabilities and drawbacks are elucidated. A **PC parts database**, the case study used in the series, is introduced.

TEXT:

Shirtsleeve SQL

LET's see now...you're either (select any from the following list where they apply): ( ) too busy ( ) too old ( ) too young ( ) overextended ( ) already way over budget ( ) not convinced of the need to overcome the inertia and learn Structured Query Language (SQL) for relational database management systems. After all, the law of "diminishing amusement" (a little known software syndrome) takes a sizable amount of octane out of everyone's professional enthusiasm over the years. It doesn't take long before the prospect of learning a new product rates right up there with doing income taxes, desk checking a C program, or running a desktop publishing system on an XT.

But learning SQL is different. It's:

- \* Easy to learn--Did you know that you've already begun to matriculate in SQL. By reading the opening sentence of this article, you were exposed to four SQL words, SELECT, ANY, FROM, and WHERE. They mean the same thing to SQL as they do to you.

- \* Easy to use--Whether you're running a query written in SQL or writing a program with embedded SQL statements, the language is intuitive, logical, and straightforward.

- \* Necessary--SQL is IBM's strategic direction in relational database languages and the ANSI standard for relational languages. SQL-based relational systems and application development tools are proliferating like rabbits, in micro, mini, and mainframe products like Ingres, Oracle, Informix, DB2, Rdb, SYBASE, dBASE IV, OS/2 Database Manager, Focus, SQLBase, and XDB, just to name a few.

Here's your chance

So, here's your chance to find out more about SQL in a series tailored for PC relational database users. You'll we'll cover the heart of SQL instruction material. You'll learn what you can do with SQL, how it's used, and where the industry is going with it.

What's in it for you?

This will be a "how to program in SQL" series, not a "What's SQL about?" or "Is SQL any good?" series. Using SQL, you'll learn how to define and load a relational database. Once the database is set up, you'll learn how to query it and produce and hoc, administrative, and statistical reports. All the tables in our examples and illustrations will be yours to copy, enter into a system, and use.

What do you need?

To follow the examples in this series, you'll need to have an SQL-based relational DBMS like Oracle, Ingres, SQLBase or XDB.

You may also need help getting started on the system. Each relational database product has a unique user interface, and addressing the different programming procedures falls beyond the scope of this series. So, if the product documentation leaves you scratching your head or pounding on your PC, you may have to contact a hotline or technical support for help doing things like: setting up your I.D. and password, entering and editing statements, and so on.

Finally, you'll need to generate the database by creating and loading tables with SQL statements. The correct statements for doing that appear next month.

Will the real SQL please stand up?

It probably comes as no surprise to learn that there are as many slightly different versions of the SQL language as there are vendor offerings. We'll take the path of least resistance by learning a mainstream dialect of SQL--one that conforms to the language standard in IBM's OS/2 Database Manager.

IBM SQL may turn out to be a subset of the language your relational database understands if you're running ORACLE, Informix, Ingres, Sybase or SQLBase. Each month I'll try to cover extensions to the SQL language from one or more of these products.

What if you don't have SQL?

I think you'll find the SQL explanations and example clear, straightforward, and illustrative enough, so that you'll get plenty out of just reading the articles.

Relational terms and concepts

We'll start by defining four important terms:

- \* Database Management System (DBMS)
- \* Database
- \* Query Language
- \* Relational Database Management System (RDBMS)

Database management system

The term "database management system" or DBMS refers to the entire computerized, information management product. DBMSs make data a shareable, manageable resource. Some DBMSs are OS/2 Database Manager, FoxBASE+, dBASE III PLUS and dBASE IV, Paradox, XDB, Focus, DataEase, Ingres, Oracle. And there are hundreds more. DBMSs preserve and protect the integrity of the information in databases. They come with interactive user interfaces.

Database

A database is simply the accumulation and organization of stored information--a disciplined file that stores two things:

- \* The data--each individual fact or piece of information
- \* The relationships among the data--how separate facts are related.

Query language

You request services from the DBMS through a query language. This is sometimes called the data access language. Query languages let you:

- \* Define and redefine databases
- \* Store and update database information
- \* Retrieve and manipulate database information. Some even allow you you control access to databases, create reports, manage transaction processing, and produce statistical information.,

In this series, we'll learn IBM's query language SQL. Fig. 1 describes the relationship of the DBMS, the database, and the query language.

Relational database management systems or

RDBMSs

DBMSs come in several types. The main difference between them lies in the structure or model of the database (how the data is presented to users). Older database models organize information as records in inverted trees or linked-lists. These databases are less flexible than RDBMSs because:

- \* The data model favors a specific view of the stored information
- \* They're pointer-based--their infra-structure is "hard-wired" when defined.

RDBMSs present data as a collection of simple tables (as shown in Fig. 2). Relational systems:

- \* Are symmetrical--All columns and rows of the table are evenly

accessible

- \* Aren't pointer-based--The DBMS access information in the tables based on data element values (i.e. you access information on GRAY parts stored in SAN FRANCISCO or Projects, 1, 2 and 3)

- \* Support a mathematical, set-level, data access language, which allows you to: access table rows, access table columns and JOIN or MERGE information stored in separate tables.

The mathematical, set-level operators let you address:

- \* Each specific item of information
- \* Information in a column
- \* Information in a table
- \* Information in multiple tables

Relational tables

RDBMSs present information as tables. There are three basic table types:

- \* Base table
- \* Results table
- \* View

Base tables hold your data. They're made up of:

- \* Unordered rows--the rows have no guaranteed position in the table
- \* Columns (usually less than 300)--representing the different kinds of information stored in the table

You can define, delete, query and update base tables.

Results tables

When you execute an SQL retrieval query against a base table, use results of your query will be rows and columns of information, presented in table format. These tables are called results tables. They're undefined, temporary images of the data in your base tables.

Views

Most relational products let you customize user perceptions of the information stored in a table by defining a "View" of that table. A View becomes the user's window into the table, and users can only access information according to the definition of the view. Views represent stored definitions of what's accessible in a table--not actual data--and you may not be able to update them (it depends on how they're defined).

SQL is

SQL (pronounced and originally spelled SEQUEL) is a set-oriented, non-procedural data access language, created to manipulate information stored in relational databases.

With SQL you can:

- \* Define data storage structures by creating tables, databases, indexes, and other structures
- \* Retrieve and manipulate data by querying the database
- \* Update data and maintain information
- \* Control access to data by defining authorization and security for the system

In addition:

- \* SQL is English-like. It's easily read and understood, by both technical and non-technical users
- \* SQL is "non-navigational." It allows you to specify what you want done. The DBMS figures out how to do it.
- \* SQL execution is dynamic. In relational DBMSs, SQL statements can be executed any time the system is running--including statements that modify a database, define new databases, or change the system security and authorization scheme.

SQL is not

- \* SQL isn't a procedural programming language like COBOL, PL/I, BASIC or FORTRAN. It has none of the procedural features you've come to know and love.

- \* SQL has no screen-handling facilities. It relies on data communications software or DBMS interface products to communicate with you.

- \* SQL has only primitive output formatting. For snazzy reports you have to purchase separate report writing products (such as IBM's QMF, Oracle's SQL\*Report, Ingres/Report-Writer, and so on).

The PC parts database

Our case study for this series centers around a PC parts database. The database and its selected information is shown in Figs. 2

and 3.

Fig. 2 outlines the database, showing the tables it contains. The table and column names have been abbreviated to make them faster and easier to enter. I'll discuss each of them in detail next month. It also shows the relationships and interdependencies between the different tables in the database. Lines that connect columns establish logical interdependencies. I'll discuss these "linking" or "joining" columns next month. Fig. 3 shows the information contained in all four tables.

What's ahead?

Next month we'll continue the series by explaining how to define your copy of the **PC parts database**. In following months, we'll look at queries--how to use SELECT, BETWEEN, IN, and LIKE; joining tables; SQL functions and summary information; subqueries; correlated subqueries and subqueries using EXISTS and HAVING; update statements (INSERT, DELETE, and UPDATE); indexes; views; system authorization statements; and SQL performance techniques.

Jonathan Sayles is Director of Educational Services for the Systems Group, Inc., a technical training and consulting company located in Glastonbury, Conn. He's the developer of the CAI course "SQL as a Second Language" and the author of three SQL books. These are published by QED Information Sciences, Inc. of Wellesley, Mass.

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DESCRIPTORS: SQL; Programming Instruction; Query Languages; Case Study  
PROGRAMMING LANGUAGE: SQL  
FILE SEGMENT: CD File 275

6/9/20 (Item 3 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)  
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03188157 Supplier Number: 44363757 (THIS IS THE FULLTEXT)

**Distributor to launch online buying service**

Computer Retail Week, p12

Jan 17, 1994

ISSN: 1066-7598

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 392

TEXT:

By GABRIELLE MITCHELL

PEABODY, MASS. - New England Circuit Sales, a distributor based here, is expected to jump into the retail market this month with an online service that offers more than 20,000 hardware and software products for purchase to users, business and corporations.

New England Circuit Sales established The DeskTop Channel as a new division to address computer product sales in what the company sees as a growing market segment: customers who want to buy products from their computers when it's convenient for them.

'Our aim is to market product to the audience who really are believers that this is the way things are heading, and that (online is) a much more convenient way to buy products,' said Brian Marley, director of marketing for New England Circuit Sales.

The DeskTop Channel requires a proprietary communication software product called The Key that includes a toll-free number to dial into The DeskTop Channel.

New users not only get the software, but they also get a freebie keyboard wrist rest.

Users can purchase any one of the more than 20,000 products that are listed on The DeskTop Channel with Visa, MasterCard or American Express. Although users can purchase products over the phone, The DeskTop Channel will offer a percentage discount on products purchased directly through the service.

Included in The DeskTop Channel's stable of popular vendors are Microsoft Corp., WordPerfect Corp., Borland International Inc., NEC Technologies Inc., Panasonic, U.S. Robotics and Epson America.

'Our thrust is to become a true one-stop shopping service,' Marley



said. In addition to the standard diet of business applications, productivity software and hardware, The DeskTop Channel will feature an assortment of entertainment and educational software titles that round out its offerings.

Eventually, The DeskTop Channel will build interactive marketing into the product while early advertisements will be still product shots.

New England Circuit Sales expects its 1993 sales to be about \$150 million, up from \$72 million in the previous year. The 14-year-old company has been a distributor and reseller of components to open-market companies.

New England Circuit Sales established PartFind/PartSell, a **database** of more than 200 million **computer components** from 10,000 suppliers. Marley said New England Circuit Sales and The DeskTop Channel plan to utilize the experience from PartFind/PartSell to control the information access and distribution of products provided on The DeskTop Channel.

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PUBLISHER NAME: CMP Publications, Inc.

COMPANY NAMES: \*New England Circuit Sales

EVENT NAMES: \*360 (Services information); 240 (Marketing procedures)

GEOGRAPHIC NAMES: \*1USA (United States)

PRODUCT NAMES: \*4811500 (Specialized Telecommunication Services);

5081000 (Business & Commercial Eqp Whsle)

INDUSTRY NAMES: BUSN (Any type of business); CMPT (Computers and Office Automation); RETL (Retailing)

NAICS CODES: 51331 (Wired Telecommunications Carriers); 4214 (

Professional and Commercial Equipment and Supplies Wholesalers)

SPECIAL FEATURES: LOB; COMPANY

6/9/22 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

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09842571 SUPPLIER NUMBER: 19945356 (THIS IS THE FULL TEXT)

**Digital Equipment Corporation Selects J.D. Edwards to Streamline Worldwide Customer Service; Digital to Deploy J.D. Edwards OneWorld in 37 Countries to Improve Customer Service Efficiency and Quality.**

Business Wire, p11041091

Nov 4, 1997

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 548 LINE COUNT: 00052

TEXT:

DENVER--(BUSINESS WIRE)--Nov. 4, 1997--J.D. Edwards(TM) (Nasdaq: JDEC), business software developer, today announced that Digital Equipment Corp. will implement J.D. Edwards' OneWorld (TM) application suite to coordinate logistic, distribution and financial data throughout Digital's worldwide Multivendor Customer Service (MCS) division.

With OneWorld deployed on Microsoft Windows NT, Digital will be able to maintain a globally-replicated **database** of logistical information and **computer parts** inventory essential to Digital's repair service.

"Out of the more than 10 ERP (enterprise resource planning) vendors that Digital considered, J.D. Edwards was the one that truly examined our business requirements and offered a comprehensive, flexible package that met our needs," said Bob Velten, program manager for global supply operations at Digital. "Our division processes \$900 million worth of spare parts inventory through 700 global locations annually. With that kind of volume, it was important for Digital to select a solution that could support a program of this magnitude, streamline our support efforts and, in doing so, allow us to broaden our service base."

"We are excited to see that our relationship with Digital has grown from a strategic business partnership to that of a valued customer," said Doug Massingill, executive vice president and chief operating officer at J.D. Edwards. "We are confident that our Configurable Network Computing(TM) architecture, coupled with Digital Alpha technology running Microsoft Windows NT with SQL Server, provides large corporations with a flexible, future-proof and robust corporate computing solution."

About Digital Equipment Corporation

Digital Equipment Corporation, recognized for product and service excellence, is a leading supplier of high-performance, Web-based computing solutions, which help enterprises compete in the global marketplace. Digital gives its customers a winning Internet advantage through a comprehensive portfolio of Internet solutions based on award-winning systems, advanced networking infrastructure, innovative software, and industry applications including those from its business partners. The expertise and experience of Digital employees help customers plan, design, implement, manage and support Internet solutions in countries throughout the world. For the latest company information, visit Digital on the World Wide Web at [www.digital.com](http://www.digital.com).

About J.D. Edwards

J.D. Edwards develops, markets and supports highly functional Enterprise Resource Planning software that operates in multiple computing environments including IBM AS/400 and S/390, UNIX(TM), Windows NT, and the Internet. Founded in 1977, J.D. Edwards is headquartered in Denver and posted fiscal 1996 revenues of \$478 million. J.D. Edwards' OneWorld is a network-centric, multinational software package that enables customers to change technology or business practices while reducing costs and business interruptions. Additional information about J.D. Edwards' product offerings can be obtained by contacting the company at 1-800-727-5333 or via the Internet at <http://www.jdedwards.com>. -0-

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CONTACT: J.D. Edwards

Mike McDermott, 303/334-4867

[mike.mcdermott@jdedwards.com](mailto:mike.mcdermott@jdedwards.com)

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COMPANY NAMES: J.D. Edwards and Co.--Contracts; Digital Equipment Corp.--

Contracts

INDUSTRY CODES/NAMES: BUS Business, General; BUSN Any type of business

DESCRIPTORS: Computer software industry--Contracts

PRODUCT/INDUSTRY NAMES: 7372663 (File Transfer Software)

SIC CODES: 7372 Prepackaged software

TICKER SYMBOLS: DEC; JDEC

FILE SEGMENT: NW File 649

6/9/26 (Item 1 from file: 635)

DIALOG(R)File 635:Business Dateline(R)

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0508424 94-62711

**Computer commodities: On NECX's trading floor, semiconductors are brokered like soybeans**

Zitner, Aaron

Boston Globe (Boston, MA, US) s1 p29

PUBL DATE: 940626

JOURNAL CODE: BOST DOCUMENT TYPE: Newspaper article

WORD COUNT: 1,394

DATELINE: Peabody, MA, US

TEXT:

PEABODY--The whole thing started with two guys, a telephone and a kitchen table. Now, as Henry Bertolon surveys his trading floor, 65 agents in headsets are working their customers, buying, bargaining, scanning the numbers on their computer screens and pushing to close a deal, be it in New York, Tokyo or Taiwan.

Above them, Bertolon's own version of a stock exchange "big board" is flashing the latest prices--not of stocks or other securities, but of

semiconductors.

Intel 486s. Motorola 145406s. Logic chips. DRAMs. SPAMs. Transistors. Computer chips are to Bertolon's company, NECX, what corn and coffee are to the mercantile exchanges. They are the commodities of the high technology world

This North Shore office park is an unlikely spot for a high-tech trading operation, but Bertolon and partner Jeff Filmore have a booming business in the spot market for chips and other computer components. An aerospace company wants to double its product run and needs more chips--pronto. A computer maker has obsolete parts on hand. NECX traders, working around the clock in German, Czech, Chinese and six other languages, scour the industry to match these buyers and sellers.

"In a perfect world, everyone gets whatever they need, whenever they need to have it," says Bertolon. "But it's not a perfect world. There's always a shortage of something. The factory has lost the recipe for a part, or a company has a big upside demand and can't find the components to fill an order.

"We are the open market for those components."

Measured by dollar volume, 14-year-old NECX is a small presence in the \$93 billion worldwide semiconductor industry. But the privately held company is growing fast, and it fills an important niche. Bertolon and Filmore say sales have doubled in each of the past four years, to \$157 million in 1993. Bertolon expects the company to break the \$200 million mark this year, but he will not disclose profits.

NECX claims to be the world's largest independent distributor of chips and computer components. Like other independents, the company is not a franchised distributor for any manufacturer.

Commonly a component maker, say, chip maker Intel Corp., will sell large batches of its product directly to a customer, such as computer maker International Business Machines Corp. It will also release chips to authorized distributors, or resellers.

But products always slip into other channels. An authorized distributor may sell to another distributor. who sells to another. And IBM may cut short a product run and be left with excess components. "In the past, many manufacturers would just crush them," Bertolon says. "Now, they sell the components to us."

The computer industry calls this the "gray market," because the brokers have no contract from the Intels and IBMs to sell their products. Further, the market has a number of unsavory characters, known for gouging clients and occasionally moving stolen products. Recent thefts and armed robberies at Silicon Valley chip plants have thrown new light on the gray market, with police arresting brokers as well as gunmen.

In Northern California alone. chip companies lost \$30 million to \$110 million last year to theft, says the FBI, which recently formed a special unit to track the heists. The chips are "just like gold," says San Francisco FBI spokesman Rick Smith. "It's as lucrative as drugs."

While illegal activity is thought to be a small part of gray market trade, companies report unpleasant experiences, such as being charged unconscionably high prices by brokers.

"It can get hot and heavy when there's demand for a part and limited supply," says Vahram Erdekian, manufacturing chief at Wellfleet Communications Inc., a networking products maker in Billerica. "The broker is trying to make the most of the situation. But not with NECX. That's why they have grown."

Other clients agree that the rotten reputation does not extend to NECX. Bertolon says questionable people who want to sell parts to NECX are asked

to show where the parts came from.

With his boyish bounce and slicked-back hair a la Michael Douglas, Bertolon, 41, presides over an operation that has come far from its early days in Jeff Filmore's kitchen.

A Quincy native, Bertolon met Filmore in the early 1970s, when they both worked at Radio Shack stores. After retail electronics, they went wholesale, Bertolon working for a components distributor, Filmore for a parts-testing lab.

One day in 1980, Filmore was beating the bushes to find a certain component when he called Bertolon's company and, by chance, found his old colleague on the phone. "We said, 'Isn't this a great business? Doesn't this beat retail?' And we decided to go out to dinner," Bertolon recalls.

That was on a Friday. On Monday the two men quit their jobs. On Tuesday Bertolon showed up at Filmore's Beverly home and New England Circuit Sales as born.

In wholesaling, Bertolon and Filmore had been peddling transistors and diodes, but customers were asking for something else. The video-game boom was just beginning, and game makers like Atari were buying all the available logic chips, which perform calculations rather than simply store data. Other companies that used the chips were left in the lurch.

From Filmore's home, the pair began working the phones to find logic chips. "I'd call a manufacturer and say, 'Hi, is there anything you're looking for?' Bertolon recalls. "Jeff would call manufacturers and say, 'Got any excess semiconductors you want to sell?'"

On the first day, Bertolon says, the newly minted partnership made its first profit: \$750 on a sale of logic devices to Analogic Corp. of Peabody.

Soon after, the two men realized that tracking information would be key to their success. With all the variety of chip makers and serial numbers, their workspace was stuffed with catalogs and inventory sheets. In 1981 they hired a programmer to write software to stay on top of all the information.

Now NECX claims to have the world's largest **database** for tracking **computer components** --their specifications, availability and prices in recent trades. The company employs 10 programmers for various projects. New England Circuit Sales has become NECX and in January it moved into a new 80,000-square-foot, \$4.7 million building.

The company employs 140 workers, sparking Bertolon to crow that revenue per employee tops \$1 million. Bertolon is president and chief executive; Filmore is vice president and chief financial officer.

In addition to its information system, NECX has benefitted from a regular four-year cycle of shortages. In 1980 it was logic chips. In 1984 and 1988 the personal computer boom ate into the world supply of DRAMs, or dynamic random access memory chips, which the computer uses to store data. Like a windstorm Bertolon says, the electronics industry in 1992 moved to miniaturize its products, and demand rose for a new type of small, surface-mount logic chip. Each time, companies turned to the spot market to find components.

At the same time, manufacturer now upgrade their products ever faster than consumers can absorb the changes. The shorter product cycles mean more business for NECX says Bertolon, as quick-changing production lines force companies to buy new components rapidly and sell off excess inventory.

Typically, NECX takes 15,000 inquiries daily from buyers or sellers. One recent day, trader Frank Cavallaro settled in to handle his share.

A buyer for AT&T Corp. called to negotiate a deal for 15,000 Motorola

transistors. "Eighty-nine cents, Frank? Frank, come on," the buyer complained. "I want you to come down to the low 80s. At least say you'll try."

Cavallaro checked with a NECX buyer and decided the deal would likely work. Instead of looking for the transistors locally, NECX would try to find them cheaper in Asia, preserving the company's profit margin.

A networking company checked in on a potential purchase of 2,000 Motorola chips. Cavallaro was unsure whether the chips NECX had on hand would match the company's needs.

"I can go faster," the networking buyer said, referring to the speed of a chip he would consider buying. "But I can't go slower. My engineers would go crazy."

Meanwhile, the electronic tote board above the trading room showed that NECX was looking to move 300 of Intel's 486-model chips at \$54 each. A buyer wanted 2,000 Hitachi memory chips at \$2.35 each. Another buyer wanted 2,000 chips for video displays; Below, some NECX traders took their cues from the board and set out to fill the orders.

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02243727 SUPPLIER NUMBER: 53229703  
**The new face of artificial intelligence. (Company Business and Marketing)**  
Lyons, Daniel  
Forbes, 172(1)  
Nov 30, 1998  
ISSN: 0015-6914 LANGUAGE: English RECORD TYPE: Abstract

...ABSTRACT: technology allows customers to chose the features they want, from speed to hard drive space. PcOrder.com's web site allows customers to view a **database** of over 600,000 **computer parts** from over 1,000 manufacturers to see stock availability and price. In addition, software from pcOrder allows manufacturers to set up Web sites and take...

6/3,K/2 (Item 2 from file: 275)  
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02099669 SUPPLIER NUMBER: 19751185  
**Caught in the undertow: the life and death of inquiry.com serves as a warning to other start-ups thinking of sailing solo on the Net. (Company Financial Information)**  
Herhold, Scott  
San Jose Mercury News, p1C(2)  
Sep 13, 1997  
ISSN: 0747-2099 LANGUAGE: English RECORD TYPE: Abstract

...ABSTRACT: provided a reference site at www.inquiry.com for company officials in the market to buy software or computer equipment. Targeted at buyers of costly **computer parts** and **databases** who were very familiar with technology, the site offered a list of articles and reviews on a number of products and an interactive function that...

6/3,K/3 (Item 3 from file: 275)  
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01696964 SUPPLIER NUMBER: 16195244 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**PC makers lay DMTF foundation: IS not likely to benefit from standard until late next year. (Desktop Management Task Force's database of standard file formats for PC components )**  
DiCarlo, Lisa  
PC Week, v11, n32, p35(2)  
August 15, 1994  
ISSN: 0740-1604 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 611 LINE COUNT: 00048

**PC makers lay DMTF foundation: IS not likely to benefit from standard until late next year. (Desktop Management Task Force's database of standard file formats for PC components )**

ABSTRACT: The Desktop Management Task Force (DMTF), a consortium of 12 major software and hardware vendors, has created a **database** of standardized file formats for **PC components**. The **database** contains standard Management Information Format (MIF) files for over 200 **PC parts**. The DMTF hopes that the **database** will enable network administrators to ensure that their system components meet minimum requirements. DMTF officials report that the database can also be used by administrators...

TEXT:  
Asset management of desktop PCs should become an easier task following the completion of an eight-month effort to devise a **database** of standard file formats for **PC components**.

6/3,K/4 (Item 4 from file: 275)  
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01602150 SUPPLIER NUMBER: 13914769 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Online service helps shoppers find and buy computer parts. (Computer Parts Connection) (Brief Article)**  
O'Brien, Jim  
Computer Shopper, v13, n7, p62(1)  
July, 1993  
DOCUMENT TYPE: Brief Article ISSN: 0886-0556 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT  
WORD COUNT: 225 LINE COUNT: 00017

TRADE NAMES: **Computer Parts Connection** (Online **database**)--

6/3,K/5 (Item 5 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01367989 SUPPLIER NUMBER: 08714900 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**DELETE: out with the old. (structured query language) (Hands-on SQL) (tutorial)**  
Sayles, Jonathan S.  
Data Based Advisor, v8, n6, p40(4)  
June, 1990  
DOCUMENT TYPE: tutorial ISSN: 0740-5200 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1050 LINE COUNT: 00118

... make sure you capture the correct set of rows before deleting them.  
Let's start a series of DELETE operations against the tables in the  
**PC Parts database** and see what happens.  
A first walk-through  
Before we start taking pot shots with DELETE, your targets are the  
Suppliers and Shipments tables:  
The...

6/3,K/6 (Item 6 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01357947 SUPPLIER NUMBER: 08380784 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Maintaining your values, part 1. (Hands-on SQL) (structured query language) (includes related article on maintaining data integrity) (technical) (tutorial)**  
Sayles, Jonathan S.  
Data Based Advisor, v8, n5, p50(4)  
May, 1990  
DOCUMENT TYPE: tutorial ISSN: 0740-5200 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1417 LINE COUNT: 00113

... This will give us a stationary target to shoot at. If you're doing  
these exercises with live data, be sure to back up the **PC Parts database**  
so you can reset your rows to their starting values.  
Adding rows  
Let's begin by taking a step back and looking at the "big...  
CAPTIONS: Inserting rows into tables using a load utility. (table); The  
**PC parts database** tables. (table)

6/3,K/7 (Item 7 from file: 275)  
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01354510 SUPPLIER NUMBER: 08293110 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Subqueries, part 4. (Hands-on SQL) (technical)**  
Sayles, Jonathan S.  
Data Based Advisor, v8, n4, p46(3)  
April, 1990  
DOCUMENT TYPE: technical ISSN: 0740-5200 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1387 LINE COUNT: 00106

... SELECT \* FROM PARTS P WHERE NOT EXISTS (SELECT \* FROM SHIPMENTS SH  
WHERE SH.SUPPNO = S.SUPPNO AND SH.PARTNO = P.PARTNO ) )

Running this against the **PC Parts database** gives us the value,  
"BARTOK." After a brief inspection of the table rows, you should see that  
BARTOK's supplier number (1) has shipments outstanding...

**6/3,K/8 (Item 8 from file: 275)**  
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01321257 SUPPLIER NUMBER: 08222287 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**All in a row. (Hands-on SQL) (products that offer functions permitting the  
manipulation of values at the row level without writing code, also  
includes a related article on the strengths of Oracle's SQL language)  
(column)**  
Sayles, Jonathan S.  
Data Based Advisor, v7, n12, p36(5)  
Dec, 1989  
DOCUMENT TYPE: column ISSN: 0740-5200 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1328 LINE COUNT: 00117

TEXT:

...this month's topic, row functions, let's go over the problems I  
left you with last month. (You can verify my results against the **PC  
Parts database** in the June issue.  
... Listing 2 may not make the overwhelming importance of the SUBSTR  
function apparent. And, due to the relatively limited scope of the data in  
the **PC Parts database**, many of the examples in this article will only  
show the syntax and use of the row function. The value of row functions is  
in...

**6/3,K/9 (Item 9 from file: 275)**  
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01321025 SUPPLIER NUMBER: 08023886 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**SQL statistical processing. (structured query language) (tutorial)**  
Sayles, Jonathan S.  
Data Based Advisor, v7, n11, p42(4)  
Nov, 1989  
DOCUMENT TYPE: tutorial ISSN: 0740-5200 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1839 LINE COUNT: 00145

... QTY), COUNT(\*) 2 FROM SUPPLIERS SP, SHIPMENTS SH 3 WHERE SP.SUPNO =  
SH.SUPPNO 4 GROUP BY CITY;

Removing summary rows--HAVING

In our microscopic **PC Parts database**, we can see at a glance  
all the information we ask for in our queries and get in our results  
tables. There's really no...

**6/3,K/10 (Item 10 from file: 275)**  
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01320821      SUPPLIER NUMBER: 07877756      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Across tables. (Hands-On SQL; how to use table joins; includes related  
article on Oracle's outer join; structured query language) (column)**  
Sayles, Jonathan S.  
Data Based Advisor, v7, n10, p54(5)  
Oct, 1989  
DOCUMENT TYPE: column      ISSN: 0740-5200      LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1375      LINE COUNT: 00105

...      these products (use LIKE).

SELECT PROJNAME FROM PROJECTS WHERE PROJNAME LIKE '%ALPHA%' OR  
PROJNAME LIKE '%BETA%'

If you want to build a copy of the **PC Parts database** (to run  
these and other examples used in this series), you'll find the commands to  
create it in the July 1989 issue of Data...

...Each of these tables, or models, depicts one "real world" entity--some  
thing or event you want to store data about. An example is our **PC Parts  
database**, which has four tables:

Parts--describing the specific part information.

Suppliers--describing our suppliers.

Shipments--listing individual shipments of parts from suppliers.

Projects--describing our...

6/3,K/11      (Item 11 from file: 275)  
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01319638      SUPPLIER NUMBER: 07687326      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**SELECTed Ways. (Hands-on SQL) (steps to quickly extract specific information  
with the basic SQL SELECT statement; Structured Query Language) (column)**  
Sayles, Jonathan S.  
Data Based Advisor, v7, n9, p28(3)  
Sept, 1989  
DOCUMENT TYPE: column      ISSN: 0740-5200      LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1443      LINE COUNT: 00106

...      list.

\* LIKE--Allows you to retrieve rows containing values that "resemble"  
a partial search string.

For this month's lesson, refer once again to the **PC Parts  
database** from the August issue. (The SQL statements to create and load the  
**PC Parts database** are available on the monthly Program Disk for  
August and the Data Based Advisor Readers Exchange bulletin board  
system--(619) 270-2042.)

Now, before we...

...names begin with a letter higher than the letter "M."

You can check your answers (along with all the examples in this  
article) against the **PC Parts database** in Fig. 1.

Now, on to the subjects of this month's column.

BETWEEN

The BETWEEN operator lets you retrieve the rows WHERE the columns...

6/3,K/12      (Item 12 from file: 275)  
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01309816      SUPPLIER NUMBER: 07486474      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**SELECTed basics. (Second in a series) (Hands-on SQL) (column)**  
Sayles, Jonathan S.  
Data Based Advisor, v7, n8, p37(4)

August, 1989

DOCUMENT TYPE: column ISSN: 0740-5200 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 1549 LINE COUNT: 00120

...ABSTRACT: the sorting of data in the results table. Details of the use of the operations in the creation of a results table from a parent **PC parts database** are described.

In the July issue of Data Based Advisor we defined and loaded our **PC Parts database** (see Fig. 1) with SQL CREATE and INSERT statements. (If you'd like to build a copy of the **PC Parts database** used in this series, you can get it on the July Program Disk or from the Data Based Advisor Readers Exchange, (619) 270-2042.) This...

6/3,K/13 (Item 13 from file: 275)

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01305528 SUPPLIER NUMBER: 07426272 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Database basics: hands-on SQL. (includes related article on SQL insight:

referential integrity. Part two of a series)

Sayles, Jonathan S.

Data Based Advisor, v7, n7, p40(6)

July, 1989

ISSN: 0740-5200 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 2168 LINE COUNT: 00164

... as the industry standard for relational database management systems. We'll take a look at SQL concepts and language structures with executable examples using a **PC parts database**. To run these examples you'll need access to an SQL-compatible relational DBMS product (see the accompanying article for a partial list of products...

...execute successfully, and you should get the same results as I do.

How to build a relational database in less

than an hour

If our **PC Parts database** were built using a traditional file, hierarchical, or network database, I could easily write six or seven articles on how to define the beast. Not...so you shouldn't have much trouble entering and executing your SQL statements.

Fig. 4 lists the data definition statements you need to build the **PC Parts database**. If you're using dBASE IV, Sybase, or Ingres, leave out the NOT NULL specifier--these systems don't allow nulls. And remember to check...

...among others) don't support NULLs in the version of the product you may have, so I've chosen not to use NULLs in the **PC Parts database**. When would you use NULLs? Let's say you're INSERTing a row for a new hire in a payroll table, and you don't...

...successfully created your table and typed it in correctly. Fig. 6 lists the SQL INSERT statements you'll run to load the tables in the **PC PARTS database** with the sample rows we'll use throughout this series.

You can delete a relational database in seconds

To delete tables, SQL provides the DROP...

...like this: DROP TABLE PARTS;

At this point, you only want to use DROP TABLE if you incorrectly defined one of the tables in the **PC Parts database**.

Altering tables

For added flexibility, most SQL-based DBMSs provide an alternative to DROPPing and reCREATEing tables. ALTER TABLE lets you add columns to an... your DBMS allows NULLs). Because of this, you can't specify an added column as NOT NULL.

Once you build the four tables for the **PC Parts database**, you're ready to extract information and produce reports using the SQL

SELECT statements we'll cover next month.  
Jonathan Sayles is Director of Educational...

6/3,K/14 (Item 14 from file: 275)  
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01301623 SUPPLIER NUMBER: 07321200 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Shirtsleeve SQL. (beginning instruction in Structured Query Language)**  
**(Hands-on SQL) (column)**  
Sayles, Jonathan S.  
Data Based Advisor, v7, n6, p35(4)  
June, 1989  
DOCUMENT TYPE: column ISSN: 0740-5200 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1727 LINE COUNT: 00141

...ABSTRACT: IBM's OS-2 Database Manager language standard. Basic terms and concepts required for understanding RDBMSs are defined. SQL capabilities and drawbacks are elucidated. A **PC parts database**, the case study used in the series, is introduced.  
... reports you have to purchase separate report writing products (such as IBM's QMF, Oracle's SQL\*Report, Ingres/Report-Writer, and so on).

The **PC parts database**  
Our case study for this series centers around a **PC parts database**. The **database** and its selected information is shown in Figs. 2 and 3.

Fig. 2 outlines the database, showing the tables it contains. The table and column...

...information contained in all four tables.

What's ahead?

Next month we'll continue the series by explaining how to define your copy of the **PC parts database**. In following months, we'll look at queries--how to use SELECT, BETWEEN, IN, and LIKE; joining tables; SQL functions and summery information; subqueries; correlated...

6/3,K/15 (Item 1 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2002 The Gale group. All rts. reserv.

05926958 SUPPLIER NUMBER: 66278825 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Information Technology Standards.**  
Boss, Richard W.  
Library Technology Reports, 36, 4, 1  
July, 2000  
ISSN: 0024-2586 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 36117 LINE COUNT: 03009

... 33 NCITS standards, 221 X3 standards, and 291 ANSI/ISO standards. Among the most important are MPEG and JPEG for multimedia, SCUSI-2 for interfacing **computer components**, SQL3 for **databases**, and C++ for programming languages.

ASC X3's secretariat rotated among participating members, but NCITS has established a permanent secretariat at the Information Technology Industry...

6/3,K/16 (Item 2 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
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04498109 SUPPLIER NUMBER: 18244193 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**The case for e-mail. (includes related article on electronic mail options for small businesses) (Small Business Computing)**  
McCollum, Tim

Nation's Business, v84, n5, p61(3)

May, 1996

ISSN: 0028-047X

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 2017

LINE COUNT: 00158

... Pittsburgh computer reseller Dakco PC Products Division Inc. has combined e-mail and a World Wide Web site on the Internet to market computers and **computer parts**. Dakco has compiled a **database** of 10,000 customers and people who have inquired about Dakco products through e-mail or by telephone, and it sends catalogs and special product...

**6/3,K/17 (Item 3 from file: 47)**

DIALOG(R)File 47:Gale Group Magazine DB(TM)

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03947168 SUPPLIER NUMBER: 14077187 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Computer Parts **Connection, Computer Listings. (on-line data bases )**

**(Brief Article) (Product Announcement)**

PC World, v11, n8, p110(1)

August, 1993

DOCUMENT TYPE: Product Announcement

ISSN: 0737-8939

LANGUAGE:

ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 127

LINE COUNT: 00010

Computer Parts **Connection, Computer Listings. (on-line data bases )**

**(Brief Article) (Product Announcement)**

TRADE NAMES: **Computer Parts Connection (Online database )--**

**6/3,K/18 (Item 1 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2002 The Gale Group. All rts. reserv.

04346016 Supplier Number: 46373938 (USE FORMAT 7 FOR FULLTEXT)

**Web database to net hot chips**

Electronics Times, p36

May 9, 1996

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 417

... system that can detect stolen parts in networks and report them to an on-line database.

Police have long complained that there is no global **database** of personal computers and **PC parts** which would allow them to track rightful owners of stolen parts. But the new system, called Assetregistry and developed by Canada-based Asset Software International...

**6/3,K/19 (Item 2 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2002 The Gale Group. All rts. reserv.

04329154 Supplier Number: 46345750

**The Case For E-mail**

Nation's Business, v84, n5, p61

May, 1996

Language: English Record Type: Abstract

Document Type: Magazine/Journal; General Trade

ABSTRACT:

...and to exchange messages and files quickly and easily, communicating with clients as well as staff; and Dakco PC Products Div, which markets computers and **computer parts** online and now has a **database** of 10,000 customers and people who have made inquiry and uses the database to send catalogs and special offers, both online and on paper.

...  
6/3,K/20 (Item 3 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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03188157 Supplier Number: 44363757 (USE FORMAT 7 FOR FULLTEXT)  
**Distributor to launch online buying service**  
Computer Retail Week, p12  
Jan 17, 1994  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 392

... The 14-year-old company has been a distributor and reseller of components to open-market companies.

New England Circuit Sales established PartFind/PartSell, a **database** of more than 200 million **computer components** from 10,000 suppliers. Marley said New England Circuit Sales and The DeskTop Channel plan to utilize the experience from PartFind/PartSell to control the...

6/3,K/21 (Item 1 from file: 160)  
DIALOG(R)File 160:Gale Group PROMT(R)  
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01371787  
**Lotus introduces mainframe link to PCs.**  
ELECTRONIC NEWS July 14, 1986 p. 30

... personal computers. The new Application Connection ties PCs into corporate databases and applications residing on IBM and compatible mainframes. The offering consists of mainframe and **PC components** that provide connections between mainframe **databases**, and widely-used PC spreadsheet and database programs, such as Lotus' 1-2-3 and Martin Marietta's Ramis II.

...  
6/3,K/22 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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09842571 SUPPLIER NUMBER: 19945356 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Digital Equipment Corporation Selects J.D. Edwards to Streamline Worldwide Customer Service; Digital to Deploy J.D. Edwards OneWorld in 37 Countries to Improve Customer Service Efficiency and Quality.**  
Business Wire, p11041091  
Nov 4, 1997  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 548 LINE COUNT: 00052

With OneWorld deployed on Microsoft Windows NT, Digital will be able to maintain a globally-replicated **database** of logistical information and **computer parts** inventory essential to Digital's repair service.

"Out of the more than 10 ERP (enterprise resource planning) vendors that Digital considered, J.D. Edwards was...

6/3,K/23 (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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07481672 SUPPLIER NUMBER: 16170968 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Level5 links rules with custom apps; uses OLE 2.0 API to build open 'servers' of business rules. (Information Builders Inc) (Brief Article) (Product Announcement)**

Mace, Scott

InfoWorld, v16, n31, p22(1)

August 1, 1994

DOCUMENT TYPE: Product Announcement

ISSN: 0199-6649

LANGUAGE:

ENGLISH RECORD TYPE: FULLTEXT

WORD COUNT: 319 LINE COUNT: 00026

... the Level5 OLE server, said Karl Seiler, Level5 vice president of product development.

For example, a user can run a Level5 client application to order **PC components** from a **database** of parts -- running on any database server -- while a Level5 agent running on the server tallies the order in the background and displays a message...

6/3,K/24 (Item 1 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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02362146 120657920

**Bulgaria: The next offshore frontier**

Hoffman, Thomas

Computerworld v36n21 PP: 61 May 20, 2002

ISSN: 0010-4841 JRNL CODE: COW

WORD COUNT: 519

...TEXT: based iConcepts Inc. typically respond to glitches overnight and speak fluent English.

Hi-Tech Parts LLC, a Plymouth, Mass.-based firm that provides an online **database** for buyers and sellers of **computer components**, evaluated four consulting firms - two in the US. and two in Canada-- before settling on iConcepts in January to rebuild its site.

Fast Service

Of...

6/3,K/25 (Item 2 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01076541 97-25935

**Clustering strength**

Bozman, Jean S

Computerworld v29n32 PP: 14 Aug 7, 1995

ISSN: 0010-4841 JRNL CODE: COW

WORD COUNT: 320

...TEXT: project as well.

"Upsizing from the desktop is going to just totally wipe out downsizing," Bell said last week. He said information systems built from **PC parts**, high-speed networks and distributed **databases** will be cost-effective alternatives to large-scale multiprocessors.

Gray said his team is nearing completion of application interfaces that use X/Open Co.'s...

6/3,K/26 (Item 1 from file: 635)

DIALOG(R)File 635:Business Dateline(R)

(c) 2002 ProQuest Info&Learning. All rts. reserv.

0508424 94-62711

**Computer commodities: On NECX's trading floor, semiconductors are brokered like soybeans**

Zitner, Aaron  
Boston Globe (Boston, MA, US) s1 p29  
PUBL DATE: 940626  
WORD COUNT: 1,394  
DATELINE: Peabody, MA, US

TEXT:

...1981 they hired a programmer to write software to stay on top of all the information.

Now NECX claims to have the world's largest **database** for tracking **computer components** --their specifications, availability and prices in recent trades. The company employs 10 programmers for various projects. New England Circuit Sales has become NECX and in...

6/3,K/27 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2002 Resp. DB Svcs. All rts. reserv.

02550940

**Neuer Markt ist weiter begehrt**

(DCI Database for Commerce & Industry (Germany), Internet computer parts firm, planning public stock offering in fall-1999 or spring-2000)  
Handelsblatt, p 21  
August 19, 1999

DOCUMENT TYPE: Business Newspaper ISSN: 0017-7296 (Germany)  
LANGUAGE: German RECORD TYPE: Abstract

(DCI Database for Commerce & Industry (Germany), Internet computer parts firm, planning public stock offering in fall-1999 or spring-2000)

6/3,K/28 (Item 1 from file: 647)  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2002 CMP Media, LLC. All rts. reserv.

01099511 CMP ACCESSION NUMBER: OEM19960801S0021

**Hard-disk Tags Follow A More Stable Course** (Inside information - In which we track systems design trends )

OEM MAGAZINE, 1996, n 430, PG73

PUBLICATION DATE: 960801

JOURNAL CODE: OEM LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: Departments

WORD COUNT: 193

... by Mercury Research to track PC system design trends. The information on the PC hard-disk drives and SIMMS is taken from Mercury Research's **PC components** pricing trends **database**, and is collected by tracking mail-order prices. The design information in the opposite page is taken from Mercury Research's Design Trends database, which...

6/3,K/29 (Item 2 from file: 647)  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2002 CMP Media, LLC. All rts. reserv.

01092641 CMP ACCESSION NUMBER: OEM19960601S0031

**Voice Nudges Up Modem Prices**

OEM MAGAZINE, 1996, n 428, c ep

PUBLICATION DATE: 960601

JOURNAL CODE: OEM LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: Inside information - In which we track systems design trends

WORD COUNT: 191

... produced by Mercury Research to track PC system design trends. The information on CD-ROM drives and fax/modems is taken from Mercury Research's **PC components pricing trends database**, and is collected by tracking mail-order prices. The design information on the opposite page is taken from Mercury Research's Design Trends database, which...

**6/3,K/30 (Item 3 from file: 647)**  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2002 CMP Media, LLC. All rts. reserv.

01025914 CMP ACCESSION NUMBER: CRW19940117S5693  
**Distributor to launch online buying service**  
GABRIELLE MITCHELL  
COMPUTER RETAIL WEEK, 1994, n 455, 12  
PUBLICATION DATE: 940117  
JOURNAL CODE: CRW LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: NEWS  
WORD COUNT: 393

... The 14-year-old company has been a distributor and reseller of components to open-market companies.  
New England Circuit Sales established PartFind/PartSell, a **database** of more than 200 million **computer components** from 10,000 suppliers. Marley said New England Circuit Sales and The DeskTop Channel plan to utilize the experience from PartFind/PartSell to control the...

**6/3,K/31 (Item 4 from file: 647)**  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2002 CMP Media, LLC. All rts. reserv.

00544176 CMP ACCESSION NUMBER: CRN19931011S2528  
**\* Robec Inc., Horsham, Pa., is distributing the new IBM Pennant Systems line of printers. Pennant, Norwalk, Conn., is an... (short takes)**  
COMPUTER RESELLER NEWS, 1993, n 548, 124  
PUBLICATION DATE: 931011  
JOURNAL CODE: CRN LANGUAGE: English  
RECORD TYPE: Fulltext  
SECTION HEADING: distribution  
WORD COUNT: 179

... Calif., to provide training for VARs through Western Micro's systems division. The program includes courses in Unix administration and advanced programming for languages and **database** tools.  
**\* PC Parts Express, Carrollton, Texas, added spare parts from the imaging division of Fujitsu Computers of America, San Jose, and Texas Instruments Inc., Austin, Texas. The distributor...**

**6/3,K/32 (Item 1 from file: 634)**  
DIALOG(R)File 634:San Jose Mercury  
(c) 2002 San Jose Mercury News. All rts. reserv.

09256018  
**CAUGHT IN THE UNDERTOW THE LIFE AND DEATH OF INQUIRY.COM SERVES AS A WARNING TO OTHER START-UPS THINKING OF SAILING SOLO ON THE NET**  
San Jose Mercury News (SJ) - Saturday, September 13, 1997  
By: SCOTT HERHOLD, Mercury News Staff Writer  
Edition: Morning Final Section: Business Page: 1C  
Word Count: 1,125

... site (<http://www.inquiry.com>) was aimed squarely at taking advantage of the Internet frenzy. Its audience was primarily the technologically literate buyers of expensive **databases** or **computer parts**.



• When a software developer calls up the site, he or she can plug in  
• arequest -- say for 'relational databases' -- and receive a list of  
reviews...

File 8: Ei Compendex(R) 1970-2002/Dec W1  
 (c) 2002 Elsevier Eng. Info. Inc.  
 File 35: Dissertation Abs Online 1861-2002/Nov  
 (c) 2002 ProQuest Info&Learning  
 File 202: Information Science Abs. 1966-2002/Oct 29  
 (c) Information Today, Inc  
 File 65: Inside Conferences 1993-2002/Dec W2  
 (c) 2002 BLDSC all rts. reserv.  
 File 2: INSPEC 1969-2002/Dec W2  
 (c) 2002 Institution of Electrical Engineers  
 File 233: Internet & Personal Comp. Abs. 1981-2002/Dec  
 (c) 2002 Info. Today Inc.  
 File 94: JICST-EPlus 1985-2002/Oct W1  
 (c) 2002 Japan Science and Tech Corp(JST)  
 File 111: TGG Natl. Newspaper Index(SM) 1979-2002/Dec 09  
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 File 483: Newspaper Abs Daily 1986-2002/Dec 12  
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 File 6: NTIS 1964-2002/Dec W3  
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 File 144: Pascal 1973-2002/Dec W2  
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 File 99: Wilson Appl. Sci & Tech Abs 1983-2002/Nov  
 (c) 2002 The HW Wilson Co.  
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 File 95: TEME-Technology & Management 1989-2002/Dec W1  
 (c) 2002 FIZ TECHNIK  
 File 62: SPIN(R) 1975-2002/Nov W1  
 (c) 2002 American Institute of Physics  
 File 438: Library Literature 1984-2002/Nov  
 (c) 2002 The HW Wilson Co

Set	Items	Description
S1	208	(DATABASE? ? OR DATA()BASE? ? OR REPOSITOR???) (3N) (COMPUTE-R? ? OR PC) (3N) (PARTS OR COMPONENTS)
S2	977	(DATABASE? ? OR DATA()BASE? ? OR REPOSITOR???) (3N) (COMPUTE-R? ? OR PC) (3N) HARDWARE
S3	2067	(COMPUTER? ? OR PC) ( ) (PARTS OR COMPONENTS)
S4	3	(DATABASE? ? OR DATA()BASE? ? OR REPOSITOR???) (3N) S3

4/5/1 (Item 1 from file: 6)

DIALOG(R)File 6:NTIS

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1145207 NTIS Accession Number: N84-34975/2

**Pilot Climate Data System: User's Guide for CHARTS Subsystem**

Noll, C. E.

National Aeronautics and Space Administration, Greenbelt, MD. Goddard Space Flight Center.

Corp. Source Codes: 013129001; NC999967

Report No.: NAS 1.15:86151; NASA-TM-86151

Sep 84 106p

Languages: English

Journal Announcement: GRAI8502; STAR2224

Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.

NTIS Prices: PC A06/MF A01

Country of Publication: United States

The use of the Pilot Climate Data System's (PCDS) CHARTS Subsystem is described. This facility is an interactive software system for the graphical production and enhancement of text and viewgraph displays.

Descriptors: Computer graphics; \*Meteorology; \*Oceanography; Computer systems design; Computer systems performance; **Data bases**; **Computer components**; Computer programs; Data processing; Data storage; Peripheral equipment (Computers)

Identifiers: NTISNASA

Section Headings: 62B (Computers, Control, and Information Theory--Computer Software)

4/5/2 (Item 1 from file: 34)

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

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01015166 Genuine Article#: FN751 Number of References: 0  
(NO REFS KEYED)

**Title: USING AN IMAGE DATABASE SYSTEM IN ENGINEERING-EDUCATION**

Author(s): ALAM J; BAKOS JD; OLEARY J

Corporate Source: YOUNGSTOWN STATE UNIV, DEPT CIVIL

ENGN/YOUNGSTOWN//OH/44555

Journal: ENGINEERING EDUCATION, 1991, V81, N4, P430-432

Language: ENGLISH Document Type: ARTICLE

Geographic Location: USA

Subfile: SciSearch; CC ENGI--Current Contents, Engineering, Technology & Applied Sciences

Journal Subject Category: ENGINEERING; EDUCATION, SCIENTIFIC DISCIPLINES

Abstract: University database systems have been restricted to storing and retrieving information in text format because hardware storage

limitations have prevented the manipulation of pictorial information.

Using new technology to overcome these limitations, faculty assembled an image **database** system using separate **computer components**.

With the help of a graduate student, this system was used to create an instructional picture database for a pavement design class.

4/5/3 (Item 1 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)

(c) 2002 The Gale Group. All rts. reserv.

05861747

Online-DB als Instrument fur den Einkauf

GERMANY: **DATABASE FOR COMPUTER COMPONENTS DEALER**

Computerwoche (CWE) 21 May 1993 p.10

Language: GERMAN

DCI Database for Commerce and Industry GmbH, Starnberg, is offering a

database for the dealing of computer components. Every user can order computer components, software and notebooks directly via database, and every dealer can offer its products. The database is linked with hosts in Singapore, Taiwan, Korea and the US. Yearly fees are up to DM 4,000. Currently 200 dealers offer about 60,000 components.

COMPANY: DCI DATABASE FOR COMMERCE & INDISTRY

PRODUCT: Electronic Components (3670); Databases (7375DA);

EVENT: Product Design & Development (33);

COUNTRY: Germany (4GER);

?

Set	Items	Description
S1	49	(DATABASE? ? OR DATA()BASE? ? OR REPOSITOR???) (3N) (COMPUTE- R? ? OR PC) (3N) (PARTS OR COMPONENTS)
S2	53	(DATABASE? ? OR DATA()BASE? ? OR REPOSITOR???) (5N) (COMPUTE- R? ? OR PC) (5N) (PARTS OR COMPONENTS)
S3	7	(DATABASE? ? OR DATA()BASE? ? OR REPOSITOR???) (3N) (COMPUTE- R? ? OR PC) (3N)HARDWARE
S4	49	S1 NOT PY=2000:2002
S5	350	(COMPUTER? ? OR PC) (3N) (PARTS OR COMPONENTS)
S6	34	(DATABASE? ? OR DATA()BASE? ? OR REPOSITOR???) (3N) S5
S7	2	S6 NOT COMPONENTS/DE

3/5/1

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00124847 DOCUMENT TYPE: Review

**PRODUCT NAMES: eProvisionware (010359)**

**TITLE: Business Layers eProvisionware**

**AUTHOR: Greenfield, David**

**SOURCE: Network Magazine, v15 n6 p30(1) Jun 2000**

**ISSN: 1093-8001**

**HOME PAGE: <http://www.networkmagazine.com>**

**RECORD TYPE: Review**

**REVIEW TYPE: Review**

**GRADE: A**

Business Layers' eProvisionware and eProvision Employees work together to allow companies to automate tasks required to set up employees for use of system and other resources. With eProvisionware and eProvision Employees, users need not maintain multiple phone- number **databases , PC hardware** , and other employee requirements, because a unified platform automates requisitions and provisioning of such tools. One user, a technical resources director for a university, calls eProvisionware and eProvision Employees an excellent product that automates account creation for about 2,000 students who enter the university each Fall and the same number who leave each following Spring. eProvisionware and eProvision Employees is expected to save the college the total cost of an account maintenance worker. It includes a group of forms, a rules engine, and a LDAP-compliant directory on a Windows NT server. During installation, a network manager decides whether user information should be stored in an internal directory or in an external LDAP directory. Business rules are defined and can trigger resources for delivery to new users and processes to be completed. eProvisionware ships with built-in libraries of Automated Task Modules that drive IT systems, including NetWare and Checkpoint Firewall-1. Business Layers is also developing an ATM for the Definity telephony switch and several Voice-Over-IP (VoIP) switches.

**PRICE: \$180000**

**COMPANY NAME: Business Layers (685674)**

**SPECIAL FEATURE: Screen Layouts Output Samples**

**DESCRIPTORS: Colleges & Universities; E-Commerce; E-Purchasing; Network Software; Student Records**

**REVISION DATE: 20010330**

3/5/2

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00115850 DOCUMENT TYPE: Review

**PRODUCT NAMES: Y2K TimeLab (747602); Year 2000 Analysis Suite (747611);  
bv-Control for Desktops (691976); PCfix2000 (747629); Centennial 2000 Pro  
(727881)**

**TITLE: Tool Time For Y2K**

**AUTHOR: Waltner, Charles**

**SOURCE: Information Week, v727 p89(3) Mar 29, 1999**

**ISSN: 8750-6874**

**HOME PAGE: <http://www.informationweek.com>**

**RECORD TYPE: Review**

**REVIEW TYPE: Product Analysis**

**GRADE: Product Analysis, No Rating**

A tidal wave of Y2K-remediation software packages, including Y2K TimeLab from Vinca, Year 2000 Analysis Suite from IST Development, NETinventory from BindView, PCfix 2000 from About Time Group, and Centennial's Centennial 2000, have been released in the past 12 months. Y2K TimeLab works within any application to create a buffer zone from which user-defined change dates and compliance test runs can be carried out. The program can work in the background without needing to close out of vital applications. Year 2000 Analysis Suite works well in the remediation of financial and tax information, though it can also drill down into popular programs like Excel and Access. NETinventory can rapidly check for Y2K readiness of remote locations and saves businesses thousands of dollars by automating much of the process. PCfix is one of the only testing applications that does not require a WAN to be connected in order to remotely carry out PC hardware remediation tests. Centennial 2000 tests and fixes PC hardware, as well as spreadsheets and databases with noncompliant dates.

COMPANY NAME: LEGATO Systems Inc (488666); IST Development Inc (642878);  
BindView Corp (488658); About Time Group Inc (661881); Centennial  
International (654485)  
SPECIAL FEATURE: Buyers Guides  
DESCRIPTORS: Computer Equipment; File Conversion; Network Administration;  
Network Inventory; Program Development; Project Cost Estimating;  
Software Testing; Y2K  
REVISION DATE: 20021125

3/5/3

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
(c)2002 Info.Sources Inc. All rts. reserv.

00108897 DOCUMENT TYPE: Review

PRODUCT NAMES: Java (573744)

TITLE: Fuzzy applet performs smart database search  
AUTHOR: Johnson, R Colin  
SOURCE: Electronic Engineering Times, v998 p42(1) Mar 16, 1998  
ISSN: 0192-1541  
HOMEPAGE: <http://www.eet.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

Pei Wang's SmartRanker, which provides a new approach to database manipulation through fuzzy logic, makes smart choices from imperfect and sometimes conflicting queries. Fuzzy formulation is in its flexible ability to use whatever level of knowledge a user is capable of. The creator has posted the system to the Internet via the SmartReader link at [www.cogsci.indiana.edu](http://www.cogsci.indiana.edu) as a freeware Sun Microsystems' Java applet. Internet surfers can try it out with several types of fuzzy ranking, choosing the top several candidate rows from any tabular data according to user-set requirements. For instance, users specify computer-hardware requirements in data provided to demonstrate the system. The fuzzy recommendation system then selects the top 10 candidates from a database of computer systems. Any tabular database can be pasted into the Java applet to replace the computer hardware database. One application could be, for example, a request for a 'very fast' computer, instead of specifically asking for a clock speed such as 100MHz. Every item in the Java database is processed separately to find the best item for the particular dimension of the problem. Users can also establish weights for the importance of each column pasted into the Java applet.

COMPANY NAME: Sun Microsystems Inc (385557)  
SPECIAL FEATURE: Screen Layouts  
DESCRIPTORS: Artificial Intelligence; Decision Support Systems;  
Electronics; Fuzzy Logic; Java

REVISION DATE: 20001230

3/5/4

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00105462 DOCUMENT TYPE: Review

**PRODUCT NAMES:** McAfee Service Desk (639681); Microsoft Systems Management Server (455652)

**TITLE:** Help Desks

**AUTHOR:** Giles, Roosevelt

**SOURCE:** Network VAR, v5 n9 p28(6) Sep 1997

**ISSN:** 1082-8818

**RECORD TYPE:** Review

**REVIEW TYPE:** Product Comparison

**GRADE:** Product Comparison, No Rating

McAfee Associates' now Network Associates' McAfee Service Desk (MSD) and Microsoft's Microsoft Systems Management Server are compared for their help desk support tools. Current help desk management solutions increase the number of IS staff required support the end-user, and the new staff are generally highly paid senior-level engineering and support professionals. Help desk and network/desktop viewpoints are considered in examining help desk management systems. McAfee's product uses the vendor's Beacon technology, which sends out an advance notice to certain users warning them of a potential problem that has been reported more than once by other users. Beacon also suggests possible fixes. MSD is aware of which users are related to particular network assets; its automated tools make these determinations. MSD includes a collection of menuing and desktop management tools, which allow users to control restrictions for all DOS, Windows 3.x, Windows 95, and Windows NT clients running on NetWare or NT networks. With the provided integrated software distribution module, users can implement software patches, updated drives, and new Dynamic Link Libraries or system files. With Remote Desktop 32, help desk representatives can control a user's machine and solve problems from the help desk. SMS 1.2 helps manage large quantities of client **computers**, providing a centralized **hardware** /software **database**, remote help desk support, and a way to deliver and install software upgrades on large numbers of computers.

**COMPANY NAME:** Network Associates Inc (490113); Microsoft Corp (112127)

**SPECIAL FEATURE:** Tables Screen Layouts Charts

**DESCRIPTORS:** Customer Service; IBM PC & Compatibles; LANs; NetWare;  
Network Administration; Network Software; Remote Control; Technical  
Support; Windows NT/2000

**REVISION DATE:** 20020923

3/5/5

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00100937 DOCUMENT TYPE: Review

**PRODUCT NAMES:** ClickNet Professional ADS4000 (572845)

**TITLE:** ClickNet Etches Easy Sketches

**AUTHOR:** Phillips, Ken

**SOURCE:** PC Week, v14 n11 p89(1) Mar 17, 1997

**ISSN:** 0740-1604

**RECORD TYPE:** Review

**REVIEW TYPE:** Review

**GRADE:** B



PinPoint Software's ClickNet ADS4000, a product with automatic inventory and diagramming features, could make network documentation a much less difficult management task. Testers found that the product automatically discovers the hardware and software of networked PCs. The toolset then creates a graphical view of the information. Therefore, administrators can forget about many of the usual repetitive manual data entry tasks required to create a network diagram. With competing products, including SysDraw Software's SysDraw and NetSuite Development LP's NetSuite Advanced Professional Design 2.0, the LAN manager has to diagram a network from the ground up or take time to figure out how to use a third-party inventory **database**. Horizon Technology's LANauditor 3.13 **PC hardware** and software inventory is included, and separately-purchasable translation components allow administrators to use Seagate Software's WinLAND or McAfee Associates' SaberLAN Workstation 5.5 inventory packages. Inventory data is routed to ClickNet ADS4000, and during tests users could choose from over 2,500 hardware icon images for use in completely customizable, multilevel diagrams. Another included application is International Microcomputer Software's FloorPlan 2.0, which permits a manager to diagram networks based on building layout. NetSuite Advanced Professional Design can ensure that the proper media type is used to link network devices.

COMPANY NAME: Entercept Security Technologies (607274)  
SPECIAL FEATURE: Charts Screen Layouts  
DESCRIPTORS: Computer Equipment; Computer Resource Management;  
Documentation Aids; IBM PC & Compatibles; LANs; Network Administration;  
Network Design; Network Inventory; Network Software  
REVISION DATE: 20020630

3/5/6

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00089213 DOCUMENT TYPE: Review

PRODUCT NAMES: IVR (830373)

TITLE: A marriage of convenience  
AUTHOR: Walters, Kevin  
SOURCE: PC Week, v13 n12 pN13(2) Mar 25, 1996  
ISSN: 0740-1604

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

Interactive voice response (IVR) systems often enhance productivity for banks, high volume telemarketing call centers, and customer service departments. Corporations can use IVR to call customers, screen and route incoming calls, or link application data to incoming and outgoing calls. IVR combines computer and telephony technologies to remove the barriers of time and distance while reducing the need for human interaction. In IVR systems, the telephone keypad is a sort of 'computer keyboard' that allows callers to retrieve and query information. The caller gets data from a synthesized voice that 'reads' a computer monitor's data. Users can purchase turnkey systems or design their own from components; **hardware** and software needed include a **PC**, a **database**, phone lines, a voice processing card, and an application development tool. Developers will get the best results with nonproprietary systems, says an industry expert.

COMPANY NAME: Vendor Independent (999999)  
SPECIAL FEATURE: Buyers Guides  
DESCRIPTORS: Call Centers; Computer Telephony; Customer Service;  
Information Retrieval; IVR (Voice Response); Telecommunications; Voice Mail  
REVISION DATE: 19990830

3/5/7

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00084356 DOCUMENT TYPE: Review

PRODUCT NAMES: OmniVox Windows NT (408484); ScriptExpress (590188); EASE  
for Windows NT Windows (391522); MasterVox Telephony Application  
Development System 2.0 (610615)

TITLE: IVR Application Generators  
AUTHOR: Staff  
SOURCE: Teleconnect, v13 n10 pS22(14) Oct 1995  
ISSN: 0740-9354  
HOMEPAGE: <http://www.teleconnect.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Comparison  
GRADE: Product Comparison, No Rating

Interactive voice response (IVR) application generators streamline application generation by shielding developers from the intricacies of voice and **computer hardware**, operating systems, and **databases**. Consistent, intuitive interfaces used include graphical user interfaces (GUIs), table- or menu-driven interfaces, task specific programming languages, or language add-ons. Users generally create a call path for one caller, which the system automatically uses on multiple ports. Object-oriented (OO) OmniVox NT builds auto attendant, voice mail, fax, and IVR systems. ScriptExpress users sketch a call flow and create applications with icons and visual tools. EASE, a seasoned DOS product, is now available for Windows. MediaConnect supports connectivity to remote databases and other information in multimedia mode. MasterVox 2.0's new features include T1/E1 support, multiple languages, simultaneous applications, test mode, and user extensibility.

COMPANY NAME: Apex Voice Communications Inc (544655); Computer  
Communications Specialists Inc (408085); EASE CT Solutions, A Business  
Unit of HBOC (536121); MasterMind Technologies Inc (595802)  
SPECIAL FEATURE: Screen Layouts Charts  
DESCRIPTORS: Code Generators; Computer Telephony; Fax Software; Foreign  
Language Packages; IBM PC & Compatibles; IVR (Voice Response); Program  
Development; Telecommunications; Voice Mail; Windows; Windows NT/2000  
REVISION DATE: 20020730

7/5/1

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00116657 DOCUMENT TYPE: Review

PRODUCT NAMES: Microsoft Windows NT Server (442674); Microsoft Internet Information Server (591645); Microsoft SQL Server (259748); pcOrder (749681)

TITLE: PcOrder.com Boosting Web Brainpower  
AUTHOR: Gaskin, James E  
SOURCE: Interactive Week, v6 n5 p32(2) Feb 1, 1999  
ISSN: 1078-7259  
HOMEPAGE: <http://www.interactive-week.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

Microsoft Windows NT Server, Internet Information Server (IIS) and SQL (Structured Query Language) Server and pcOrder.com's pcOrder are highlighted in a discussion of pcOrder's strategy for becoming the computer configuration company of choice for the computer industry. pcOrder.com offers a cutting-edge application that permits manufacturers, distributors, resellers, and end-users to expeditiously and precisely match components online. The software uses artificial intelligence methods that merge the best configuration software and a rich **computer - parts database**. pcOrder has 400 clients who sell computer products online, and the company needs a way to provide a like product for telephone equipment and office supply vendors. pcOrder is a spin-off of Trilogy, a developer of sales and marketing process software, such as advanced configuration software. In pcOrder's software, AI is used to assist in designing computers using parts in inventory, rather than the 'best parts on the market.' pcOrder's users can employ any of the latest browsers, and users in client companies can use client software written for Windows systems that increase performance. pcOrder's largest clients are Hewlett-Packard, Compaq, and IBM, and pcOrder uses their server products as well.

COMPANY NAME: Microsoft Corp (112127); Trilogy (662445)  
SPECIAL FEATURE: Charts  
DESCRIPTORS: Artificial Intelligence; Computer Equipment; E-Commerce; IBM PC & Compatibles; IIS; Internet Marketing; Order Fulfillment; SQL Server; Windows NT/2000  
REVISION DATE: 20020703

7/5/2

DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00107729 DOCUMENT TYPE: Review

PRODUCT NAMES: HAHTsite (632864); Microsoft Systems Management Server (455652); FAS2000 (451771)

TITLE: PhotoDisc reins in disparate assets  
AUTHOR: Sherman, Erik  
SOURCE: MacWEEK, v12 n11 p23(3) Mar 16, 1998  
ISSN: 0892-8118  
HOMEPAGE: <http://www.macweek.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

PhotoDisc, a vendor of large clip art collections, addresses asset management in a large environment by dividing its assets into different

categories. Its cross-platform system accommodates all types of assets. Different categories include hardware and software, a data mart, and the image library. A big part of tracking hardware and software is not losing assets, and with nearly 250 desktops and several servers, PhotoDisc has a lot of money tied up in hardware. PhotoDisc places bar codes on every device worth over \$500. The information then goes into FAS2000, a fixed asset system package from Best Software, that sits on a Microsoft Access database. Computer components must also be cataloged, however. It would not be practical to tag each component inside each computer, so PhotoDisc uses Microsoft's Microsoft Systems Management Server and HAHT Software's HAHTsite, which monitors the hardware and software contents of each computer on the network. Every time someone logs in, the software audits the machine, keeping a log in an SQL database. Unfortunately, the Microsoft software can only catalog assets on PCs. But the most important asset is the company's library of more than 65,000 images, which provide the basis for PhotoDisc's products and services. Master images are archived on a Sun server, and an optical jukebox carries the compressed files for near-line storage.

COMPANY NAME: HAHT Commerce Inc (622575); Microsoft Corp (112127); Best Software Inc (483095)  
SPECIAL FEATURE: Screen Layouts  
DESCRIPTORS: Clip Art; Computer Resource Management; Digital Asset Management; Documentation; LANs; Network Inventory; Network Software; Optical Discs; Software Marketing; Sun; Web Site Design  
REVISION DATE: 20020722

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US Patent &amp; Trademark Office

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You may revise it and try your search again below or click advanced search for more options.

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repositor\*) <near/3>  
(computer\* or pc\*) <near/3>  
(parts or components)

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Special Characters	Description
, ( ) [	These characters end a text token.
= > < !	These characters end a text token because they signify the start of a field operator. (! is special: != ends a token.)
` @ \Q < { [ !	These characters signify the start of a delimited token. These are terminated by the end character associated with the start character.

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File 348:EUROPEAN PATENTS 1978-2002/Dec W02

(c) 2002 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20021212,UT=20021205

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Set	Items	Description
S1	146	(DATABASE? ? OR DATA()BASE? ? OR REPOSITOR???) (3N) (COMPUTE- R? ? OR PC) (3N) (PARTS OR COMPONENTS)
S2	123	(DATABASE? ? OR DATA()BASE? ? OR REPOSITOR???) (3N) (COMPUTE- R? ? OR PC) (3N)HARDWARE
S3	1414	(COMPUTER? ? OR PC) () (PARTS OR COMPONENTS)
S4	18	S3(5N) (DATABASE? ? OR DATA()BASE? ? OR REPOSITOR???)
S5	3620	(COMPUTER? ? OR PC) ()HARDWARE
S6	21	S5(3N) (DATABASE? ? OR DATA()BASE? ? OR REPOSITOR???)

4/5,K/1 (Item 1 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
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00271169

Machine implemented system for determining compliance of a complex process plant with technical specifications.

Maschinenimplementiertes System zur Bestimmung der Einhaltung der technischen Spezifikationen einer komplexen Prozessanlage.

Système mis en oeuvre dans une machine pour déterminer la concordance d'une installation d'un processus complexe avec les spécifications techniques.

PATENT ASSIGNEE:

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designated states: BE;CH;ES;FR;GB;IT;LI)

INVENTOR:

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Liparulo, Nicholas James, 12420 Longview Drive, North Huntingdon, PA  
15642, (US)

LEGAL REPRESENTATIVE:

van Berlyn, Ronald Gilbert (37011), 23, Centre Heights, London NW3 6JG,  
(GB)

PATENT (CC, No, Kind, Date): EP 263636 A2 880413 (Basic)  
EP 263636 A3 890726  
EP 263636 B1 930728

APPLICATION (CC, No, Date): EP 87308643 870929;

PRIORITY (CC, No, Date): US 913045 860929

DESIGNATED STATES: BE; CH; ES; FR; GB; IT; LI

INTERNATIONAL PATENT CLASS: G05B-023/02; G21D-003/00;

CITED PATENTS (EP A): EP 99681 A

CITED REFERENCES (EP A):

PROCEEDINGS OF THE IEE vol. 115, no. 12, December 1968, HITCHIN,GB page  
1858 - 1864; D.PATTERSON: "APPLICATION OF A COMPUTERISED ALARM-ANALYSIS  
SYSTEM TO A NUCLEAR POWER STATION"

IEEE TRANSACTIONS ON NUCLEAR SCIENCE vol. NS-28, no. 1, February 1981,  
NEW YORK & T.C. ROBB: "LOFT ADVANCED CONTROL  
ROOM OPERATOR DIAGNOSTIC AND DISPLAY SYSTEMS"

TRANSACTIONS OF THE A.S.M.E. vol. 105, no. 3, August 1983, NEW YORK page  
223 - 233; H.M.N. RAAFAT: "THE QUANTIFICATION OF RISK IN SYSTEM DESIGN"  
;

ABSTRACT EP 263636 A2

Components and systems which impact technical specifications (tech specs) in a nuclear power plant are modeled in a set of cascading operability trees which represent the various combinations of component, system and parameter statuses which can result in non-compliance with the tech specs. Cutsets for the operability trees are entered into a cutset table in the data base of a digital computer. Certain base events which resulted in activation of a top event, such as non-compliance with a tech spec, can be identified by reversing the search process down through the cutsets in the cutset table.

ABSTRACT WORD COUNT: 100

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 880413 A2 Published application (Alwith Search Report  
;A2without Search Report)

Search Report: 890726 A3 Separate publication of the European or  
International search report

Examination: 900321 A2 Date of filing of request for examination:  
900119

Examination: 920415 A2 Date of despatch of first examination report:  
920228

Grant: 930728 B1 Granted patent

Lapse: 940202 B1 Date of lapse of the European patent in a  
Contracting State: CH 930728, LI 930728

Lapse: 940202 B1 Date of lapse of the European patent in a



Contracting State: CH 930728, LI 930728  
 `Lapse: 940622 B1 Date of lapse of the European patent in a  
 Contracting State: BE 930728, CH 930728, LI  
 930728, FR 931217  
 Lapse: 940622 B1 Date of lapse of the European patent in a  
 Contracting State: CH 930728, LI 930728, FR  
 931217  
 Oppn None: 940720 B1 No opposition filed  
 Lapse: 941207 B1 Date of lapse of the European patent in a  
 Contracting State: BE 930728, CH 930728, LI  
 930728, FR 931217, GB 931028

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	1009
CLAIMS B	(German)	EPBBF1	988
CLAIMS B	(French)	EPBBF1	1094
SPEC B	(English)	EPBBF1	7768
Total word count - document A			0
Total word count - document B			10859
Total word count - documents A + B			10859

...SPECIFICATION an ultimate activated top event; and d) generating an output identifying each ultimate top event activated by said given event.

The operability trees are designed to model the plant systems and components whose operability is important to satisfy the requirements of the tech specs, and to provide consistent tech spec interpretation. These trees

4/5,K/2 (Item 1 from file: 349)  
 DIALOG(R)File 349:PCT FULLTEXT  
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00963505 \*\*Image available\*\*

**METHOD AND SYSTEM FOR IMPLEMENTING SECURITY DEVICES IN A NETWORK**  
**PROCEDE ET SYSTEME DE MISE EN OEUVRE DE DISPOSITIFS DE SECURITE DANS UN RESEAU**

Patent Applicant/Assignee:

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 US (Residence), US (Nationality)

Inventor(s):

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 HENDRY Randy J, 4606 Sidlaw Court, San Jose, CA 95136-1973, US,  
 WOOD Christopher J, 7 Epping Close, Reading, Berkshire RG1 7YD, GB,

Legal Representative:

NEUFELD Robert T (agent), King & Spalding, 191 Peachtree Street, Atlanta, GA 30303-1763, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200297587 A2 20021205 (WO 0297587)  
 Application: WO 2002US17161 20020531 (PCT/WO US0217161)  
 Priority Application: US 2001294696 20010531

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO  
 RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 7266

#### English Abstract

Supporting the implementation and collaboration of a variety of security modules in a distributed computing network. A security interface provides a universal platform for coupling security modules to the network. The various security modules are linked to and provide identifying information to the security interface. The security interface also receives subscription requests used to coordinate which security modules will communicate. When a security event occurs, a message can be generated by the relevant security module. The security interface shares the message with those security modules that have subscribed to the relevant security module. The sharing of security information enables better performance by the entire network security system.

#### French Abstract

L'invention concerne une assistance de mise en oeuvre et de cooperation d'une variete de modules de securite dans un reseau informatique distribue. Une interface de securite permet d'obtenir une plate-forme universelle pour coupler des modules de securite au reseau. Les modules de securite varies sont relies a l'interface de securite et lui fournissent des informations d'identification. L'interface de securite permet egalement de recevoir des demandes d'abonnement utilisees pour coordonner les modules de securite qui vont communiquer. Lorsqu'un evenement de securite se produit, un message peut etre genere par le module de securite correspondant. L'interface de securite partage le message avec les modules de securite qui sont abonnees aux modules de securite pertinents. Le partage des informations de securite permet d'obtenir une meilleure performance du systeme de securite sur la totalite du reseau.

Legal Status (Type, Date, Text)

Publication 20021205 A2 Without international search report and to be republished upon receipt of that report.

Fulltext Availability:

Detailed Description

Detailed Description

... The detailed description that follows is represented largely in terms of processes and symbolic representations of operations in a distributed computing envirom-nent by conventional **computer components**, including **database** servers, application servers, mail servers, routers, security devices, firewalls, clients, workstations, memory storage devices, display devices and input devices. Each of these conventional distributed computing...

4/5,K/3 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00937120 \*\*Image available\*\*

**SYSTEM AND METHOD FOR ANTI-NETWORK TERRORISM**

**SYSTEME ET PROCEDE ANTI-PIRATAGE DE RESEAU**

Patent Applicant/Assignee:

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Inventor(s):

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HSIEH Mansi, 8929 S. Sepulveda Blvd., Suite 120, Los Angeles, CA 90045, US,

Legal Representative:

ISAACS William O II (agent), King & Spalding, 191 Peachtree Street, Atlanta, GA 30303-1763, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200271227 A1 20020912 (WO 0271227)

Application: WO 2002US6150 20020228 (PCT/WO US0206150)

Priority Application: US 2001272712 20010301

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-011/30

International Patent Class: G06F-012/14; G06F-015/173; H04L-009/00;  
H04L-009/32

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 19694

#### English Abstract

Protecting a host network from a flood-type denial of service attack by passively collecting a data packet (305) from data received by the host network, comparing information in the data packet to a signature of an attack type of the attack, and detecting the attack (310) in response to a determination that the signature and the information comprise matching data. A defensive countermeasure can be initiated (330) to protect the host network from the attack and to provide a pathway for an offensive countermeasure (340) against a source of the attack.

#### French Abstract

La presente invention concerne un procede permettant de proteger un reseau hote contre une attaque par refus de service de type inondation; lequel procede consiste a collecter passivement un paquet de donnees (305) a partir de donnees recues par le reseau hote; a comparer les informations contenues dans le paquet de donnees avec la signature d'une attaque de type attaque, puis a detecter l'attaque (310) apres avoir etabli la presence de donnees correspondantes dans la signature et dans les informations. Une contre-mesure de defense peut etre mise en oeuvre (330) pour proteger le reseau hote d'une attaque et pour fournir un chemin d'accès a une contre-mesure offensive (340) contre une source de cette attaque.

#### Legal Status (Type, Date, Text)

Publication 20020912 A1 With international search report.

Publication 20020912 A1 Before the expiration of the time limit for  
amending the claims and to be republished in the  
event of the receipt of amendments.

#### Fulltext Availability:

Detailed Description

#### Detailed Description

... Internet.

The detailed description which follows is represented largely in terms of processes and symbolic representations of operations in a distributed computing environment by conventional **computer components**, including **database** servers, application servers, mail servers, routers, security devices, firewalls, clients, these conventional distributed Computing Components is accessible via a communications network, such as a wide...

4/5,K/4 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00927927 \*\*Image available\*\*

METHOD AND SYSTEM FOR CALCULATING RISK IN ASSOCIATION WITH A SECURITY AUDIT

OF A COMPUTER NETWORK  
PROCEDE ET SYSTEME DE CALCUL DE RISQUE, EN ASSOCIATION AVEC UN AUDIT DE  
SECURITE, CONCERNANT UN RESEAU INFORMATIQUE

Patent Applicant/Inventor:

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(Residence), US (Nationality)

HEINRICH Nicolas, 23 Avenue Ste. Marguerite, F-05200 Nice, FR, FR  
(Residence), FR (Nationality)

Legal Representative:

NEUFELD Robert T (agent), King & Spalding, 191 Peachtree Street, Atlanta,  
GA 30303-1763, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200262049 A2-A3 20020808 (WO 0262049)

Application: WO 2002US4989 20020131 (PCT/WO US0204989)

Priority Application: US 2001265519 20010131

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: H04L-009/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 7053

English Abstract

Calculating risk based on information collected during a security audit of a computing network (110). The computer network (110) is surveyed to determine the significance of elements in the network (110) and to identify vulnerabilities associated with the elements. Using this information, the security audit system (115) calculates a risk value for each vulnerability. The risk value is a function of the asset value, the probability that the vulnerability will be exploited, and the potential severity of damage to the network (110) if the vulnerability is exploited. The risk value can be adjusted based on the ease with which the vulnerability can be fixed. A network element may have one or more risk values associated with it based on one or more vulnerabilities. The security audit system (115) employs a band calculation method for summing risk values and computing a single security score for the element. The band calculation method can also be used to produce a security score for a group of elements. The band calculation method produces a more accurate score for comparing elements and groups of elements throughout a network (110).

French Abstract

L'invention concerne des calculs de risque bases sur une information collectee durant un audit de securite sur un reseau informatique. Le reseau informatique est surveille afin de determiner la signification d'elements dans le reseau et d'identifier des vulnerabilites associees a ces elements. A l'aide de cette information, le systeme d'audit de securite calcule une valeur de risque pour chaque vulnerabilite. La valeur de risque est une fonction de la valeur des actifs, de la probabilite que la vulnerabilite soit exploitee et des degats potentiels occasionnes au reseau si la vulnerabilite est exploitee. La valeur de risque peut etre ajustee sur la base de la facilite avec laquelle la vulnerabilite peut etre fixee. Un element de reseau peut posseder une ou plusieurs valeurs de risque associee a une ou a plusieurs vulnerabilites. Le systeme d'audit de securite utilise un procede de calcul gradue afin de sommer les valeurs de risque et calculer un resultat de securite unique pour l'element. Il est possible d'utiliser aussi le procede de calcul gradue afin de produire un resultat de securite pour un groupe d'elements. Le procede de calcul gradue produit un resultat plus precis

permettant de comparer des elements et des groupes d'elements d'un  
reseau.

Legal Status (Type, Date, Text)

Publication 20020808 A2 Without international search report and to be  
republished upon receipt of that report.

Search Rpt 20021121 Late publication of international search report

Republication 20021121 A3 With international search report.

Republication 20021121 A3 Before the expiration of the time limit for  
amending the claims and to be republished in the  
event of the receipt of amendments.

Fulltext Availability:

Detailed Description

Detailed Description

... Internet.

The detailed description that follows is represented largely in terms of  
processes and symbolic representations of operations in a distributed  
computing environment by conventional **computer components**, including  
**database** servers, application servers, mail servers,, routers, security  
devices, firewalls, clients, workstations, memory storage devices,  
display devices, and

5

input devices. Each of these conventional distributed...

4/5,K/5 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00927472 \*\*Image available\*\*

METHOD AND SYSTEM FOR CONFIGURING AND SCHEDULING SECURITY AUDITS OF A  
COMPUTER NETWORK

PROCEDE ET SYSTEME POUR LA CONFIGURATION ET LA PROGRAMMATION D'AUDITS DE  
SECURITE SUR UN RESEAU INFORMATIQUE

Patent Applicant/Assignee:

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US (Residence), US (Nationality)

Inventor(s):

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NESFEDER David Gerald Jr, 3835 Shiloh Ridge Run, Suwanee, GA 30024, US,  
SINGER Christopher S, 2972 Lowrance Drive, Decatur, GA 30033, US,

Legal Representative:

NEUFELD Robert T (et al) (agent), King & Spalding, 191 Peachtree Street,  
Atlanta, GA 30303-1763, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200261544 A2-A3 20020808 (WO 0261544)

Application: WO 2002US2917 20020131 (PCT/WO US0202917)

Priority Application: US 2001265519 20010131

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-011/30

International Patent Class: H04L-009/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 8387

English Abstract

A method/apparatus (100) for managing (121/122) the selection and scheduling (122) of security audits by surveying an audit system (115) to determine function and relative importance of elements (121).

French Abstract

L'invention concerne la selection et la programmation d'audits de securite sur un reseau informatique, lequel est place sous la surveillance d'un systeme d'audit de securite visant a determiner la fonction et l'importance relative des elements du reseau. Selon des criteres de fonction et de priorite, on choisit tel ou tel type d'audit de securite plus approfondi pour controler les elements du reseau dans le cadre du systeme d'audit. On peut aussi programmer un audit automatique selon les informations recueillies durant le processus de surveillance. Une fois l'audit lance, il est possible d'etablir une evaluation de vulnerabilite pour chaque element du reseau, et cette evaluation peut etre presentee dans un format qui facilite l'interpretation et la reaction de la part d'un operateur du systeme. Ladite evaluation peut egalement servir a la configuration et a la programmation des audits de securite futurs.

Legal Status (Type, Date, Text)

Publication 20020808 A2 Without international search report and to be republished upon receipt of that report.  
Search Rpt 20021010 Late publication of international search report  
Republication 20021010 A3 With international search report.  
Republication 20021010 A3 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.  
Examination 20021121 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Detailed Description

Detailed Description

... Internet.

The detailed description that follows is represented largely in terms of processes and symbolic representations of operations in a distributed computing environment by conventional **computer components**, including **database** servers, application servers, mail servers, routers, security devices, firewalls, clients, workstations, memory storage devices, display devices and input devices. Each of these conventional distributed computing...

4/5,K/6 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00878816 \*\*Image available\*\*

**SYSTEM AND METHOD FOR EFFICIENTLY VISUALIZING AND COMPARING COMMUNICATION NETWORK SYSTEM PERFORMANCE**

**SYSTEME ET PROCEDE PERMETTANT DE VISUALISER ET DE COMPARER EFFICACEMENT LE RENDEMENT SYSTEME D'UN RESEAU DE COMMUNICATION**

Patent Applicant/Assignee:

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Inventor(s):

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Legal Representative:

WHITHAM Michael E (agent), McGuireWoods, LLP, Suite 1800, 1750 Tysons Blvd., McLean, VA 22102-4215, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200213009 A1 20020214 (WO 0213009)  
Application: WO 2001US23603 20010727 (PCT/WO US0123603)  
Priority Application: US 2000632803 20000804  
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD  
SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Main International Patent Class: G06F-009/45  
Publication Language: English  
Filing Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 14223

#### English Abstract

A method for visualizing and efficiently making comparisons of communication system performance using predicted or measured performance, or other performance data sets (Steps 200-260). In the method, A 3-D environment database is created or modified (200), a complete wireless communication system is formed in the database is predicted (220). Then a system in a real-world environment is built (230), measurement data is collected (240), and the predicted and measured data is compared (250).

#### French Abstract

L'invention concerne un procede permettant de visualiser et de comparer efficacement le rendement d'un systeme de communication a l'aide d'un rendement predit ou mesures, ou a l'aide d'autres ensembles de donnees relatives au rendement (etapes 200-260). Selon le mode de realisation decrit dans l'invention, une base de donnees en 3D est creee ou modifiee (200), un systeme de communication sans fil complet est forme dans la base de donnees (210), et le rendement systeme de la base de donnees est predit (220). Ensuite, un systeme est elabore dans un environnement du monde reel (230), des donnees de mesure sont collectees (240), puis les donnees predites et mesurees sont comparees (250).

#### Legal Status (Type, Date, Text)

Publication 20020214 A1 With international search report.  
Examination 20020516 Request for preliminary examination prior to end of 19th month from priority date

#### Fulltext Availability:

Detailed Description  
Detailed Description  
... all wireless  
communication system equipment within the 3 -D environmental. This point-and-click process involves the user selecting the desired hardware component from a **computer parts database** and then visually positioning, orienting, and interconnecting various hardware components within the 3 1 5 D environmental database to form complete wireless communication systems. The preferred embodiment of the **computer parts database**, referred to hereinafter as a parts list library, is more fully described in co pending application Serial No. 09/318,842, filed on May 26...

4/5,K/7 (Item 6 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00873187 \*\*Image available\*\*  
SYSTEMS AND PROCESSES FOR MEASURING, EVALUATING AND REPORTING AUDIENCE  
RESPONSE TO AUDIO, VIDEO, AND OTHER CONTENT

SYSTEMES ET PROCEDES PERMETTANT DE MESURER, D'EVALUER ET DE RENDRE COMPTE  
DE LA REACTION DU PUBLIC A UN CONTENU AUDIO, VIDEO OU AUTRE

Patent Applicant/Assignee:

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GLASSLEY Robert S, 456 Mill Creek Road, Woodstock, GA 30188, US,  
DIMAURO Bernadette O, 5623 Forkwood Drive, Acworth, GA 30101, US,

Legal Representative:

PRATT John S (et al) (agent), Kilpatrick Stockton LLP, Suite 2800, 1100  
Peachtree Street, Atlanta, GA 30309-4530, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200207354 A2-A3 20020124 (WO 0207354)

Application: WO 2001US22905 20010719 (PCT/WO US0122905)

Priority Application: US 2000219277 20000719; US 2001766504 20010119

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD

SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 12485

English Abstract

The invention provides a system and method for more effective measurement and observation of listener or viewer response or commitment to various forms of audio and visual content, including music, film, television and Internet based content. The invention offers activities to users who can accrue incentives such as points for engaging in various activities. The invention tracks the user activities and matches it with user disembodied demographic information. Users who have accrued points can participate in auctions for various prizes. The invention also measures and tracks the commitment level to the content based on the types of activities selected by the user. The information gathered by the invention may be processed and reported to the content provider for better understanding of user tendencies.

French Abstract

La presente invention concerne un systeme et un procede qui permettent de mesurer et d'observer de maniere plus efficace la reaction ou la participation d'un auditeur ou d'un telespectateur a diverses formes de contenu sonore ou visuel, comprenant un contenu de type musical, cinematographique, televisuel ou fonde sur Internet. Cette invention offre des activites a des utilisateurs qui peuvent accumuler des gratifications telles que des points pour leur participation a diverses activites. Cette invention piste les activites des utilisateurs et les associe sur la base d'une correspondance a des informations demographiques dissociees d'utilisateurs. Les utilisateurs qui ont accumule des points peuvent participer a des ventes aux encheres se rapportant a divers prix. Cette invention permet egalement de mesurer et de pister le niveau de participation en liaison avec le contenu sur la base des types d'activites selectionnees par l'utilisateur. Les informations collectees au moyen de la presente invention peuvent etre traitees et presentees sous forme de rapport au fournisseur de contenu pour que ce dernier puisse mieux comprendre les gouts des utilisateurs.



Legal Status (Type, Date, Text)

Publication 20020124 A2 Without international search report and to be republished upon receipt of that report.

Examination 20020502 Request for preliminary examination prior to end of 19th month from priority date

Search Rpt 20020829 Late publication of international search report

Republication 20020829 A3 With international search report.

Republication 20020829 A3 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

Fulltext Availability:

Detailed Description

Detailed Description

... Platform 100 may be an interactive platform such as a web site running on conventional platforms and containing processing, memory, input/output, and other conventional **computer components**. Memory contains a **database** or **databases** of information relating to artists, music, users, responses, interactive activities, and other relevant or desired information for use and presentation via input/output functionality through...

4/5,K/8 (Item 7 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00851054 \*\*Image available\*\*

**SYSTEM AND METHOD FOR MANAGING SECURITY EVENTS ON A NETWORK**

**SYSTEME ET PROCEDE DE GESTION D'EVENEMENTS DE SECURITE DANS UN RESEAU**

Patent Applicant/Assignee:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200184775 A2-A3 20011108 (WO 0184775)

Application: WO 2001US13769 20010427 (PCT/WO US0113769)

Priority Application: US 2000200313 20000428

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE  
SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: H04L-029/06

International Patent Class: H04L-012/24

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 7001

#### English Abstract

A computer-implemented system for managing security event data collected from a computing network. The system employs an event managing software module that can reside on a computing network that is being monitored with security devices. The event managing software collects security event data from security devices located in the monitored computing network and can process the security event data. In processing the security event data, the event manager module can format the data and create manageable summaries of the data. The event manager also supports storage of the security event data and the results of any processing performed on the data. Security event data can be identified by the event manager for use in responding to a security event.

#### French Abstract

Cette invention se rapporte a un systeme mis en application par un ordinateur, qui sert a gerer des donnees d'evenements de securite recueillies a partir d'un reseau informatique. Ce systeme utilise un module logiciel de gestion d'evenements pouvant resider dans un reseau informatique surveille par des dispositifs de securite. Le logiciel de gestion d'evenements recueille des donnees d'evenements de securite a partir des dispositifs de securite installes dans le reseau informatique surveille et peut traiter ces donnees d'evenements de securite. Lors du traitement de ces donnees d'evenements de securite, le module gestionnaire d'evenements peut formater ces donnees et creer des resumes gerables de ces donnees. Le gestionnaire d'evenements prend egalement en charge le stockage de ces donnees d'evenements de securite et le resultat de toutes les operations de traitement effectuees sur ces donnees. Des donnees d'evenements de securite peuvent etre identifiees par le gestionnaire d'evenements pour repondre a un evenement de securite.

#### Legal Status (Type, Date, Text)

Publication 20011108 A2 Without international search report and to be republished upon receipt of that report.

Search Rpt 20020425 Late publication of international search report

Republication 20020425 A3 With international search report.

Republication 20020425 A3 Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

#### Fulltext Availability:

Detailed Description

#### Detailed Description

... Internet.

The detailed description which follows is represented largely in terms of processes and symbolic representations of operations, in a distributed computing environment by conventional **computer components**, including **database** servers, application servers, mail servers, routers, security devices, firewalls, clients, workstations, memory storage devices, display devices and

5

input devices. Each of these conventional distributed...

4/5,K/9 (Item 8 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00789190 \*\*Image available\*\*

**TRANSMISSION OF A SHORT MESSAGE IN A TELECOMMUNICATION SYSTEM**

**TRANSMISSION D'UN MESSAGE COURT DANS UN SYSTEME DE TELECOMMUNICATION**

Patent Applicant/Assignee:

SONERA OYJ, Teollisuuskatu 15, FIN-00510 Helsinki, FI, FI (Residence), FI (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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JULKUNEN Mika, Palovartijantie 13 - 17 B 20, FIN-00750 Helsinki, FI, FI  
(Residence), FI (Nationality), (Designated only for: US)

Legal Representative:

PAPULA OY (agent), P.O. Box 981, Fredrikinkatu 61 A, FIN-00101 Helsinki,  
FI,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200122751 A1 20010329 (WO 0122751)

Application: WO 2000FI808 20000921 (PCT/WO FI0000808)

Priority Application: FI 992019 19990921

Designated States: AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY  
BZ CA CH CN CR CU CZ CZ (utility model) DE DE (utility model) DK DK  
(utility model) DM DZ EE EE (utility model) ES FI FI (utility model) GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (utility model) KZ LC LK  
LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK  
SK (utility model) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: H04Q-007/22

Publication Language: English

Filing Language: Finnish

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 3742

English Abstract

The invention relates to a method and system for transmitting a short message in a telecommunication system comprising a location data register (HLR); a database (DB) for storing subscriber data; and a gateway (GW) which connects said location data register (HLR) and said database (DB) to said telecommunication network (1). In the method, a short message is created; the short message is sent to the telecommunication network (1); and the short message is directed via the telecommunication network (1) to the gateway (GW). In accordance with the invention, a database (DB) is maintained in which those subscribers are entered who have activated the short message forwarding service; it is checked from the database (DB) whether the receiver of the short message has activated the short message forwarding service; and in case yes, a routing information query is made by the gateway (GW) that is addressed to the location data register (HLR); and the short message is routed based on the data given by the routing information query.

French Abstract

La presente invention concerne un procede et un systeme de transmission d'un message court dans un systeme de telecommunication comportant un registre de donnees de position (HLR); une base de donnees (DB) pour stocker les donnees d'abonnes; et une passerelle (GW) qui relie ledit registre de donnees de position (HLR) et ladite base de donnees (DB) au reseau de telecommunications (1). Dans ce procede, un message court est cree. Ce message est envoye au reseau de telecommunications (1) puis il est dirige via le reseau de telecommunications (1) vers la passerelle (GW). Selon cette invention, une base de donnees (DB) mise a jour dans laquelle les abonnes introduits sont ceux qui ont active le service d'acheminement du message court. On verifie a partir de la base de donnees (DB) si le recepteur du message court a active le service d'acheminement du message court; si tel est le cas, une demande d'informations de routage est effectuee par la passerelle (GW) adressee au registre de donnees de position (HLR), le message court etant alors achemine sur la base des donnees fournies par la demande d'informations de routage.

Legal Status (Type, Date, Text)

Publication 20010329 A1 With international search report.

Publication 20010329 A1 Before the expiration of the time limit for  
amending the claims and to be republished in the  
event of the receipt of amendments.

Examination 20010621 Request for preliminary examination prior to end of  
19th month from priority date

Fulltext Availability:  
Detailed Description

Detailed Description

... that supports  
the GSM system and the signaling protocols required in  
it. The gateway GW may comprise, e.g. the following  
components and functions.

- the databases required
- computer components
- signaling components, e.g. SS7, Signaling System  
number 7)
- the software required (for instance, the service  
creation, performing and management environment,  
description of services)
- signaling...

4/5,K/10 (Item 9 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00784135

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A LOCALLY ADDRESSABLE  
INTERFACE IN A COMMUNICATION SERVICES PATTERNS ENVIRONMENT  
SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION METTANT EN OEUVRE UNE INTERFACE  
ADRESSABLE LOCALEMENT DANS UN ENVIRONNEMENT DE CONFIGURATIONS DE  
SERVICES DE COMMUNICATION

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US  
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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200116727 A2-A3 20010308 (WO 0116727)

Application: WO 2000US24189 20000831 (PCT/WO US0024189)

Priority Application: US 99387064 19990831

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD  
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ  
VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-009/44

International Patent Class: G06F-009/46

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 151048

English Abstract

A system, method, and article of manufacture are provided for delivering  
service via a locally addressable interface. A plurality of globally  
addressable interfaces and a plurality of locally addressable interfaces  
are provided. Access is allowed to a plurality of different sets of  
services from each of the globally addressable interfaces and the locally

addressable interface. Each interface has a unique set of services associated therewith. The globally addressable interfaces are registered in a naming service for facilitating access thereto. Use of the locally addressable interfaces is permitted only via the globally addressable interfaces or another locally addressable interface.

#### French Abstract

L'invention concerne un systeme, un procede et un article de production qui mettent en oeuvre une interface adressable localement pour fournir des services. Plusieurs interfaces adressables globalement et plusieurs interfaces adressables localement sont mises en place. L'accès à plusieurs ensembles de services différents est autorisé à partir de chacune des interfaces adressables globalement et des interfaces adressables localement. A chaque interface est associé un ensemble unique de services. Les interfaces adressables globalement sont enregistrées dans un service d'affectation de noms pour en faciliter l'accès. L'utilisation des interfaces adressables localement n'est autorisée que si l'on passe par des interfaces adressables globalement ou par une autre interface adressable localement.

#### Legal Status (Type, Date, Text)

Publication 20010308 A2 Without international search report and to be republished upon receipt of that report.  
Examination 20010809 Request for preliminary examination prior to end of 19th month from priority date  
Search Rpt 20020110 Late publication of international search report  
Republication 20020110 A3 With international search report.

#### Fulltext Availability:

Detailed Description

#### Detailed Description

... model falls short of addressing many important issues required of an enterprise-wide information architecture. This model of computing was actually developed for less-demanding PC environments where the **database** was simply a tool for decision support.

#### Limitations.

Limited/cost prohibitive Scalability  
Limited availability  
Limited reliability  
Security Deficiencies  
Network/Database bottlenecks  
Low implementation flexibility  
Limited...

4/5,K/11 (Item 10 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00784126

SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR AN EXCEPTION RESPONSE TABLE  
IN ENVIRONMENT SERVICES PATTERNS

SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION DESTINES A UNE TABLE DE REPONSE  
D'EXCEPTION DANS DES CONFIGURATIONS DE SERVICES D'ENVIRONNEMENT

#### Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US  
(Residence), US (Nationality)

#### Inventor(s):

BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918  
, US,

#### Legal Representative:

HICKMAN Paul L (et al) (agent), Oppenheimer Wolff & Donnelly LLP, 38th  
Floor, 2029 century Park East, Los Angeles, CA 90067-3024, US,

#### Patent and Priority Information (Country, Number, Date):

Patent: WO 200116706 A2-A3 20010308 (WO 0116706)

Application: WO 2000US24086 20000831 (PCT/WO US0024086)  
Priority Application: US 99387873 19990831  
Designated States: AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK  
DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR  
TT UA UG UZ VN YU ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM  
Main International Patent Class: G06F-009/44  
Publication Language: English  
Filing Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 150318

#### English Abstract

A system, method and article of manufacture are provided for recording exception handling requirements for maintaining a consistent error handling approach. An exception response table is provided in which an exception is recorded. The context of the exception is entered in the exception response table and a response for the exception is listed in the exception response table. The response is subsequently outputted upon the exception occurring in the context.

#### French Abstract

L'invention concerne un systeme, un procede et un article de production qui permettent d'enregistrer des exigences de traitement d'exception dans le but de maintenir une approche de traitement d'erreurs coherente. Une table de reponse d'exception est fournie et une exception enregistree dans cette table. Le contexte de l'exception est entre dans la table de reponse d'exception apres quoi une reponse pour l'exception est listee dans la table. Cette reponse est ensuite produite si l'exception apparait dans le contexte.

#### Legal Status (Type, Date, Text)

Publication 20010308 A2 Without international search report and to be  
republished upon receipt of that report.  
Search Rpt 20011122 Late publication of international search report  
Republication 20011122 A3 With international search report.  
Examination 20011220 Request for preliminary examination prior to end of  
19th month from priority date

Fulltext Availability:  
Detailed Description

#### Detailed Description

... model falls short of addressing many important issues required of an enterprise-wide information architecture. This model of computing was actually developed for less-demanding PC environments where the **database** was simply a tool for decision support.

#### Limitations.

Limited/cost prohibitive Scalability  
Limited availability  
Limited reliability  
Security Deficiencies  
Network/Database bottlenecks  
Low implementation flexibility  
Limited...be used to extend the capabilities of the reporting package.

92

What databases does the product support?

A product should support the most widely used PC file formats and Client/Server **databases**. It may be necessary to consider the type of support. For example, native database interfaces tend to have better

performance than open standards such as...

4/5,K/12 (Item 11 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
(c) 2002 WIPO/Univentio. All rts. reserv.

00772856 \*\*Image available\*\*

**SYSTEM FOR THE THREE-DIMENSIONAL DISPLAY OF WIRELESS COMMUNICATION SYSTEM PERFORMANCE**

**SYSTEME D'AFFICHAGE TRIDIMENSIONNEL DES PERFORMANCES D'UN SYSTEME DE COMMUNICATION SANS FIL**

Patent Applicant/Assignee:

WIRELESS VALLEY COMMUNICATIONS INC, 104 Hubbard Street, Blacksburg, VA 24062, US, US (Residence), US (Nationality)

Inventor(s):

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SKIDMORE Roger, 407 Hunt Club Drive, Apt. 371, Blacksburg, VA 24060, US

Legal Representative:

WHITHAM Michael E, McGuire, Woods, Battle & Booth, 11800 Sunrise Valley Drive, Suite 900, Reston, VA 20191, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200106349 A1 20010125 (WO 0106349)

Application: WO 2000US18929 20000712 (PCT/WO US0018929)

Priority Application: US 99352678 19990714

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ  
DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG  
SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-007/50

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 6528

**English Abstract**

A method for displaying the results of predicted wireless communication system performance as a three-dimensional region of fluctuating elevation and/or color within a three-dimensional computer drawing database consisting of one or more multi-level buildings, terrain, flora, and additional static and dynamic obstacles (e.g., automobiles, people, filing cabinets, etc.). The method combines computerized organization, database fusion, and site-specific performance prediction models. The method enables a design engineer to visualize the performance of any wireless communication system as a three-dimensional region of fluctuating elevation, color, or other aesthetic characteristics with fully selectable display parameters, overlaid with the three-dimensional site-specific computer model for which the performance prediction was carried out.

**French Abstract**

L'invention se rapporte a un procede d'affichage des resultats de performance d'un systeme de communication sans fil sous forme d'une region tridimensionnelle a elevation et/ou couleur variable au sein d'une base de donnees de dessins informatiques tridimensionnels, composee d'un ou de plusieurs batiments multi-niveaux, terrain, flore et autres obstacles dynamiques et statiques (par exemple, des automobiles, des personnes, des classeurs a tiroirs, etc.). Ledit procede associe une organisation informatisee, une fusion de base de donnees et des modeles de prediction des performances specifiques de sites. Il permet notamment a un ingenieur d'etudes de visualiser les performances de tout systeme de communication sans fil sous forme d'une region tridimensionnelle

presentant une caracteristique variable d'elevation, de couleur ou une  
autre caracteristique esthetique variable avec des parametres d'affichage  
totalement selectionnables, superposee au modele informatique  
tridimensionnel specifique d'un site pour lequel la prediction de  
performance a ete effectuee.

Legal Status (Type, Date, Text)

Publication 20010125 A1 With international search report.

Examination 20010222 Request for preliminary examination prior to end of  
19th month from priority date

Fulltext Availability:

Detailed Description

Detailed Description

... within the 3-D environmental database in function block 20.

This point-and-click process involves the user selecting the desired  
hardware  
component from a **computer parts database** and then visually  
positioning,  
orienting, and interconnecting various hardware components within the 3-D  
environmental database to form complete wireless communication systems.  
The preferred embodiment of the **computer parts database**, referred  
to hereinafter as a parts list library, is more fully described in  
co-pending application Serial No.  
09/318,842, filed on May 26...

4/5,K/13 (Item 12 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00761432

**METHODS, CONCEPTS AND TECHNOLOGY FOR DYNAMIC COMPARISON OF PRODUCT FEATURES  
AND CUSTOMER PROFILE**

**PROCEDES, CONCEPTS ET TECHNIQUE DE COMPARAISON DYNAMIQUE DE  
CARACTERISTIQUES D'UN PRODUIT ET DU PROFIL DES CONSOMMATEURS**

Patent Applicant/Assignee:

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US (Residence), US (Nationality)

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MITCHELL James D, 3004 Alma, Manhattan Beach, CA 90266, US

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Legal Representative:

BRUESS Steven C, Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN  
55402-0903, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200073958 A2 20001207 (WO 0073958)

Application: WO 2000US14459 20000524 (PCT/WO US0014459)

Priority Application: US 99320818 19990527

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE

DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI

SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 151011



#### English Abstract

The present invention is provided for comparison shopping by utilizing a customer's profile to prioritize the features of a group of similar, competing products. First, a customer's profile is developed. This profile may be developed from many sources including customer input, customer buying habits, customer income level, customer searching habits, customer profession, customer education level, customer's purpose of the pending sale, customer's shopping habits, etc. Next, the customer selects multiple, similar items, i.e. products or services to compare. Finally, a comparison table is presented which prioritizes the features in accordance with the customer's profile.

#### French Abstract

La presente invention concerne un achat par comparaison grace a l'utilisation d'un profil consommateur pour etablir des priorites dans les caracteristiques d'un groupe de produits analogues en concurrence. D'abord on elabore un profil consommateur. Ce profil peut etre elabore a partir de plusieurs sources, y compris une entree de donnees du consommateur, les habitudes d'achat du consommateur, le revenu du consommateur, les habitudes de recherche du consommateur, la profession du consommateur, le niveau d'education du consommateur, les attentes du consommateur pour la vente en cours, les habitudes d'achat du consommateur, etc. Ensuite, le consommateur selectionne plusieurs articles analogues, c.-a-d. des produits ou des services afin de les comparer. Enfin, un tableau de comparaison produit etablit des priorites de caracteristiques en fonction du profil du consommateur.

#### Legal Status (Type, Date, Text)

Publication 20001207 A2 Without international search report and to be republished upon receipt of that report.  
Examination 20010222 Request for preliminary examination prior to end of 19th month from priority date

#### Fulltext Availability:

Detailed Description

#### Detailed Description

... With this enormous capability of an object to represent just about any logically separable matters, OOP allows the software developer to design and implement a **computer** program that is a model of some aspects of reality, whether that reality is a physical entity, a process, a system, or a composition of...

4/5,K/14 (Item 13 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00761429

**METHODS, CONCEPTS AND TECHNOLOGY FOR A VIRTUAL SHOPPING SYSTEM CAPABLE OF ASSESSING NEEDS OF A CUSTOMER AND RECOMMENDING A PRODUCT OR SERVICE BASED ON SUCH ASSESSED NEEDS**

**PROCEDES, CONCEPTS ET TECHNOLOGIE POUR SYSTEME D'ACHAT VIRTUEL CAPABLE D'EVALUER LES BESOINS D'UN CLIENT ET DE RECOMMANDER UN PRODUIT OU UN SERVICE SUR LA BASE DE CES BESOINS**

Patent Applicant/Assignee:

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Inventor(s):

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Legal Representative:

BRUESS Steven C (agent), Merchant & Gould P.C., P.O. Box 2903,  
Minneapolis, MN 55402-0903, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200073955 A2 20001207 (WO 0073955)

Application: WO 2000US14357 20000524 (PCT/WO US0014357)

Priority Application: US 99321495 19990527

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE  
DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI  
SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 148469

English Abstract

French Abstract

La presente invention concerne un systeme permettant de realiser des transactions commerciales virtuelles apres identification des besoins de l'utilisateur. Tout d'abord, le systeme evalue les besoins d'un utilisateur. Il genere ensuite, sur la base des besoins de l'utilisateur, une solution, qui est affichee. Un paiement est alors accepte en echange de la solution. Il convient de noter que dans le cadre du present descriptif de l'invention, ladite solution est, mais pas exclusivement, un produit ou un service.

Legal Status (Type, Date, Text)

Publication	20001207	A2 Without international search report and to be republished upon receipt of that report.
Examination	20010301	Request for preliminary examination prior to end of 19th month from priority date
Declaration	20010802	Late publication under Article 17.2a
Republication	20010802	A2 With declaration under Article 17(2)(a); without abstract; title not checked by the International Searching Authority.

Fulltext Availability:

Detailed Description

Detailed Description

... data model (DDL). By understanding the E-R diagram represented by the database, it is easier to create an efficient persistence framework which isolates business **components** from a direct access to relational databases. Caution is required, however, as the resulting model is at best only partial, as an object model has...

4/5,K/15 (Item 14 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00760937 \*\*Image available\*\*

**METHOD AND SYSTEM FOR AUTOMATED OPTIMIZATION OF ANTENNA POSITIONING IN 3-D  
PROCEDE ET SYSTEME POUR L'OPTIMISATION AUTOMATISEE DU POSITIONNEMENT  
D'ANTENNES DANS TROIS DIMENSIONS**

Patent Applicant/Assignee:

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24062, US, US (Residence), US (Nationality)

Inventor(s):

RAPPAPORT Theodore S, 1770 St. Andrews Circle, Blacksburg, VA 24060, US  
SKIDMORE Roger R, 407 Hunt Club Drive, Apt. 371, Blacksburg, VA 24060, US

Legal Representative:

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Suite 900, Reston, VA 20191, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200074401 A1 20001207 (WO 0074401)  
Application: WO 2000US12914 20000511 (PCT/WO US0012914)  
Priority Application: US 99318840 19990526

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE  
DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK  
SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: H04Q-007/20

International Patent Class: G06F-101/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 10140

English Abstract

A method for engineering management and planning for the design of a wireless communications network in three-dimensions (3-D) combines computerized organization, database fusion, and radio frequency (RF) site-specific planning models. The method enables a designer to keep track of wireless system performance throughout the process of pre-bid design, installation and maintenance of a wireless system. Using a database of information that defines the desired environment (1002), predictions (1001) of antenna coverage, system coverage and interference, and other wireless system performance criteria, such as frame error rate and network throughput, can be made. Watch points (1004) are created to ensure, in real time, that any modifications (1006) to the design of the wireless system do not degrade the performance of the system with respect to the watch point locations.

French Abstract

L'invention concerne un procede de gestion et de planification techniques pour la conception d'un reseau de communications sans fil dans trois dimensions (3-D), qui combine l'organisation informatisee, la fusion de bases de donnees et des modeles de planification specifiques de sites a radiofrquences (RF). Ledit procede permet a un concepteur de suivre les performances du systeme sans fil tout au long du processus de conception preliminaire, d'installation et d'entretien d'un systeme sans fil. Il est possible d'utiliser une base de donnees d'informations definissant l'environnement voulu (1002), les predictions (1001) de la zone de rayonnement des antennes, de la zone de desserte du systeme et de l'interference, et d'autres criteres de performance du systeme sans fil, tels que le taux d'erreur de trames et la capacite du reseau. Des points de veille (1004) sont crees pour assurer, en temps reel, le fait que toutes les modifications (1006) apportees a la conception du systeme sans fil ne n'alterent par les performances du systeme par rapport aux emplacements des points de veille.

Legal Status (Type, Date, Text)

Publication 20001207 A1 With international search report.

Examination 20010301 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Detailed Description

Detailed Description

... all

wireless communication system equipment within the 3-D environmental database. This point-and-click process involves the designer selecting the desired component from a **computer parts database** and then visually

positioning, orienting, and interconnecting various hardware components  
· within the 3-D environmental database to form complete wireless  
communication systems. The resulting interconnected...

4/5,K/16 (Item 15 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00760532 \*\*Image available\*\*

**METHOD AND SYSTEM FOR MANAGING A REAL TIME BILL OF MATERIALS**  
**PROCEDE ET SYSTEME POUR LA GESTION EN TEMPS REEL DE NOMENCLATURE**

Patent Applicant/Assignee:

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24062, US, US (Residence), US (Nationality)

Inventor(s):

RAPPAPORT Theodore S, 1770 St. Andrews Circle, Blacksburg, VA 24060, US  
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Legal Representative:

WHITHAM Michael E, Whitham, Curtis & Whitham, 11800 Sunrise Valley Drive,  
Suite 900, Reston, VA 20191, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200073953 A1 20001207 (WO 0073953)

Application: WO 2000US12913 20000511 (PCT/WO US0012913)

Priority Application: US 99318842 19990526

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE  
DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK  
SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: G06F-017/60

International Patent Class: G06F-153:00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 13734

**English Abstract**

An automated method for quickly generating a complete bill of materials and total cost information in real time. A design engineer builds a model of the desired wireless communications system (106) and specifies each component necessary to provide sufficient or optimal system performance. A parts list is maintained, in real time, that contains a definition of each system component and its associated performance and cost parameters. As the user changes wireless system designs through a series of "what-if" scenarios, components are replaced with substitute components, cable lengths are modified, antenna systems and base station parameters are re-designed and moved to alternate locations, etc. The bill of materials is automatically updated and component costs and total system costs are immediately available to the design engineer. The designer may choose to swap components for less expensive components or may investigate several alternate radio frequency distribution and antenna schemes, etc. The performance characteristics of the system are automatically updated.

**French Abstract**

L'invention concerne un procede automatise pour la generation rapide d'une nomenclature complete et d'informations de cout total en temps reel. Un ingenieur concepteur construit un modele du systeme de communication sans fil voulu (106) et precise chaque composant necessaire a l'obtention de performances du systeme suffisantes ou optimales. Une liste des pieces est conservee, en temps reel, laquelle contient des definitions de chaque composant du systeme, ses performances et ses parametres de couts associes. A mesure que l'utilisateur modifie les

parametres de conception du systeme par une serie de scenarios de simulation, les composants sont remplaces par des composants de remplacement, les longueurs de cables sont modifiees, les systemes d'antenne et les parametres relatifs aux stations fixes sont re-concus et deplaces dans des emplacements de remplacement. La nomenclature est mise a jour automatiquement, les couts des composants et les cout totaux du systeme sont communiquees immediatement a l'ingenieur concepteur. Le concepteur peut choisir de remplacer des composants par des composants moins chers ou peut etudier plusieurs projets de repartition de radiofrequences et d'antennes. Les caracteristiques de performance du systeme sont mises a jour automatiquement.

Legal Status (Type, Date, Text)

Publication 20001207 A1 With international search report.

Examination 20010222 Request for preliminary examination prior to end of 19th month from priority date

Fulltext Availability:

Detailed Description

Detailed Description

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oou-ew.ioj-i;)d waisXs ssajolim paindwoo awos 01 DAIIE131 SOUPA QUII  
E16ZI/OOSfl/JLJd C96CLI00 OM

i incy

component from a **computer parts database** and then ...position'  
orintina, and interconnecting various hardware components within the  
ID

3-D environmental database to form complete wireless communication  
systems. The preferred embodiment of the **computer parts database** is  
5 more fully described below. The resulting interconnected network of RF  
hardware components (commonly known as a wireless distributed antenna)  
is preferably assembled using...

4/5,K/17 (Item 16 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00448125 \*\*Image available\*\*

**IN-STORE CONSUMER TARGETED MESSAGING SYSTEM**

**SYSTEME DE MESSAGERIE EN MAGASIN CIBLEE SUR LE CONSOMMATEUR**

Patent Applicant/Assignee:

INFRAMEDIA CORPORATION,

ABELL Peter B,

Inventor(s):

ABELL Peter B,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9838589 A1 19980903

Application: WO 98US3731 19980226 (PCT/WO US9803731)

Priority Application: US 9738331 19970227

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD  
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US  
UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE  
CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML  
MR NE SN TD TG

Main International Patent Class: G06F-017/60

Publication Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 7245

English Abstract

A system for use in a retail store that permits consumers to identify themselves to an in-store merchandising system prior to check-out. As a result, the consumer may be presented with promotional offers and other

information specifically targeted to the particular consumer. The consumer may be identified in a number of ways such as by swiping magnetic cards and card readers attached to shopping carts. Promotional offers made to the consumer may be based on previous habits of the particular consumer, the consumer's location in the store, demographics, or purchase triggers. A consumer may also receive targeted information with respect to particular items considering purchase such as, for example, to determine the appropriateness of purchasing particular food items and prescription medication and/or over the counter drugs. Retailers and product manufacturers may therefore use information to better plan product placement, to be more responsive to customer demand, and to otherwise understand the purchasing habits of their customers.

#### French Abstract

L'invention concerne un systeme utilise dans un magasin de vente au detail, qui permet a des consommateurs de se faire identifier par un systeme de commercialisation en magasin avant de passer aux caisses. En consequence, le consommateur peut se faire proposer des offres promotionnelles et d'autres informations specifiquement cibles sur le consommateur particulier. Le consommateur peut etre identifie de plusieurs manieres, telles que par passage de cartes magnetiques dans des lecteurs de cartes fixes a des caddies. Il est possible de faire des offres promotionnelles au consommateur sur la base d'habitudes anterieures du consommateur particulier, de l'emplacement du consommateur dans le magasin, de donnees demographiques, ou de declencheurs d'achat. Un consommateur peut egalement recevoir des informations cibles concernant l'achat d'articles particuliers, tels que, par exemple, pour determiner le caractere approprie d'un achat d'articles alimentaires, de medicaments prescrits particuliers et/ou de remedes particuliers en vente libre. Des detaillants et des fabricants d'articles peuvent ainsi utiliser ces informations pour mieux planifier le placement de produits, etre plus attentif aux demandes du consommateur, et pour comprendre differemment les habitudes d'achat de leurs clients.

Fulltext Availability:  
Detailed Description

Detailed Description  
... via a wide area network  
29.

The merchandising decision system 20, which may typically be located at the headquarters, of a retail chain, includes **computer components** containing various **databases** such as an item/vendor database 21, a promotional advertisement database 22, a point of sale history database 23, and a customer information database 27...

4/5,K/18 (Item 17 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00233456

#### APPARATUS AND METHOD FOR ELECTRONIC DEVICE FOR INFORMATION SERVICES APPAREIL ET PROCEDE POUR DISPOSITIF ELECTRONIQUE DESTINE A DES SERVICES D'INFORMATION

Patent Applicant/Assignee:

VISCORP,  
REMILLARD Roger,

Inventor(s):

REMILLARD Roger,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9307713 A1 19930415

Application: WO 92US8316 19920930 (PCT/WO US9208316)

Priority Application: US 91520 19911003

Designated States: AT AU BB BG BR CA CH CS DE DK ES FI GB HU JP KR LK LU MG  
MN MW NL NO PL RO RU SD SE US AT BE CH DE DK ES FR GB GR IE IT LU MC NL

SE BF BJ CF CG CI CM GA GN ML MR SN TD TG  
Main International Patent Class: H04N-007/12  
Publication Language: English  
Fulltext Availability:  
Detailed Description  
Claims  
Fulltext Word Count: 5628

#### English Abstract

An electronic device (20) and method for accessing remote electronic facilities (30) and displaying associate information on a conventional television set (50). The electronic device (20) self-configures itself upon power-up or reset by initiating a data call to a configuring facility (30). Information related to available facilities and programming, autonomous mail checking is downloaded to the electronic device (20). The electronic device (20) displays a menu including several user selectable facilities. The user chooses one of the options from the menu by use of a remote keypad control (52). The options available include printing, electronic mail, news and information services. Interfacing the electronic device (20) with a stylus-type pointing device (54) permits sketching and drawing on the television (50), including superposition of images on captured television images. Captured images of graphics or text are optionally stored or forwarded to a user through a mail facility accessed through operation of the system. The captured images may subsequently be sent via facsimile transmission to other facsimile transmission machines or receivers. The electronic device (20) includes a speaker phone (136) for providing audio information received over telephones to the television (50) speaker.

#### French Abstract

L'invention concerne un procede et un dispositif (20) electronique permettant d'avoir acces a des unites electroniques a distance (30) et d'afficher des informations associees sur un ecran de television classique (50). Le dispositif electronique (20) s'autoconfigure lui-meme lors de la mise sous tension ou remise a l'etat initial en initiant un appel d'information vers une unite (30). Les informations relatives aux unites disponibles et a la verification de messagerie de programmation sont telechargees dans le dispositif electronique (20). Le dispositif electronique (20) affiche un menu comprenant plusieurs possibilites selectionnables par l'utilisateur. L'utilisateur choisit l'une des options du menu en utilisant une commande a clavier a distance (52). Les options disponibles comprennent l'impression, la messagerie electronique, les nouvelles et les services d'information. Une interface entre le dispositif electronique (20) et un dispositif de designation du type a stylet (54) permet de faire des croquis et de dessiner sur la television (50), et de superposer des images sur des images de television saisies. Les images saisies graphiques ou textuelles sont eventuellement stockees ou acheminees vers un utilisateur par l'intermediaire d'une unite de messagerie dont l'accès se fait par l'actionnement du systeme. Les images saisies peuvent ulterieurement etre envoyees par transmission facsimilee a d'autres telecopieurs ou recepteurs. Le dispositif electronique (20) comprend un poste telephonique a haut parleur (136) pour donner des informations sonores recues par l'intermediaire de telephones a un presentateur de television (50).

Fulltext Availability:  
Detailed Description

Detailed Description  
... to permit access to selected facilities.

Many users forego access to desired facilities because of the complexity and time required in acquiring and configuring the **computer components**. **Databases** vary as to requirements for their various components and configuration as well as rotocol P used for access, further increasing the complexity and time to...

1  
6/5,K/1 (Item 1 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
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01244060

Method, apparatus and program for the central storage of standardized image data

Verfahren, Einrichtung und Programm zur Zentralisierten Speicherung von standardisierten Bilddaten

Procede, appareil, et programme pour le stockage de donnees d'images

PATENT ASSIGNEE:

Point2 Internet Systems Inc., (3098580), 2917 Early Drive, Saskatoon,  
Saskatchewan S7H 3K5, (CA), (Applicant designated States: all)

INVENTOR:

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(CA)

LEGAL REPRESENTATIVE:

Jackson, Richard Eric (62281), Carpmiels & Ransford, 43 Bloomsbury Square  
, London WC1A 2RA, (GB)

PATENT (CC, No, Kind, Date): EP 1076302 A1 010214 (Basic)

APPLICATION (CC, No, Date): EP 306934 000814;

PRIORITY (CC, No, Date): US 374701 990812

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/30

ABSTRACT EP 1076302 A1

A system is disclosed whereby a user can upload image data into a central image database on a central server computer, using the processing power of a remote terminal computer to re-sample and resize each image according to a set of predetermined image parameters for storage in the central database. More than one sized or sampled copy of each discrete image could be uploaded to said centralized image database, for use in various ways. The distribution of image standardization processing to the terminal computer CPUs lessens the processor load of the central server computer, as well as minimizing the upload bandwidth required between the terminal computer and the central server computer.

ABSTRACT WORD COUNT: 112

NOTE:

Figure number on first page: NONE

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 010214 A1 Published application with search report  
Examination: 011004 A1 Date of request for examination: 20010808  
Assignee: 020116 A1 Transfer of rights to new applicant: Point2  
Technologies Inc. (3098581) 2917 Early Drive  
Saskatoon, Saskatchewan S7H 3K5 CA

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200107	1063
SPEC A	(English)	200107	6406
Total word count - document A			7469
Total word count - document B			0
Total word count - documents A + B			7469

...SPECIFICATION of the database, the processing power required to handle such repeated image processing tasks would be substantial and would require the augmentation of the central **database** central server **computer hardware**, likely at considerable additional cost to the database operator. In addition, the concurrent receipt of numerous image files being transmitted to the centralized database, even...

6/5,K/3 (Item 3 from file: 348)



DIALOG(R)File 348:EUROPEAN PATENTS  
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01077773

APPARATUS AND METHOD FOR MODELING BEHAVIOR OF EXPANSION BOARDS IN A  
COMPUTER SYSTEM

GERAT UND VERFAHREN ZUM MODELLIEREN VON ERWEITERUNGSPLATINEN IN EINEM  
RECHNERSYSTEM

APPAREIL ET PROCEDE DE MODELISATION DU COMPORTEMENT DE CARTES D'EXTENSION  
DANS UN SYSTEME INFORMATIQUE

PATENT ASSIGNEE:

Object Technology Licensing Corporation, (2168573), One Infinite Loop,  
Station 38-OTL, Cupertino, CA 95014-2233, (US), (Proprietor designated  
states: all)

INVENTOR:

SUDHAKARAN, E., U., 1446 Prelude Drive, San Jose, CA 95131, (US)

ANDERT, Glenn, P., 18487 Edminton Drive, Cupertino, CA 95014, (US)

LEGAL REPRESENTATIVE:

Kindermann, Manfred et al (6412), Patentanwalt, Sperberweg 29, 71032  
Boblingen, (DE)

PATENT (CC, No, Kind, Date): EP 1049972 A1 001108 (Basic)

EP 1049972 B1 020102

WO 9939267 990805

APPLICATION (CC, No, Date): EP 99904338 990128; WO 99US1739 990128

PRIORITY (CC, No, Date): US 16543 980130

DESIGNATED STATES: DE; GB

INTERNATIONAL PATENT CLASS: G06F-009/445

CITED PATENTS (EP B): US 5450570 A; US 5675748 A

CITED REFERENCES (EP B):

LEVY-ABEGNOLI T: "PLUG AND PLAY: UNE PHILOSOPHIE DE CONCEPTION DES PC"

ELECTRONIQUE, no. 37, April 1994, pages 36-39, XP000443460;

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 001108 A1 Published application with search report

Application: 991006 A1 International application. (Art. 158(1))

Grant: 020102 B1 Granted patent

Examination: 001108 A1 Date of request for examination: 20000704

Examination: 010425 A1 Date of dispatch of the first examination  
report: 20010314

Application: 991006 A1 International application entering European  
phase

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
----------------	----------	--------	------------

CLAIMS B	(English)	200201	1346
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CLAIMS B	(German)	200201	1169
----------	----------	--------	------

CLAIMS B	(French)	200201	1499
----------	----------	--------	------

SPEC B	(English)	200201	24752
--------	-----------	--------	-------

Total word count - document A	0
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Total word count - document B	28766
-------------------------------	-------

Total word count - documents A + B	28766
------------------------------------	-------

...SPECIFICATION configuration recorder object. The

InstantiateCardRecorders method also obtains a hardware card module from  
each configuration recorder object and registers the card module in the  
aforementioned **computer hardware configuration database** to  
represent the hardware on the bus. The recognizer retrieves the  
appropriate slot identifier from the card module and provides it to the  
appropriate configuration...

...InstantiateCardRecorders method also creates a THardwareModuleMaker  
object that represents "software-impaired" cards (cards which are not  
auto-configurable), registers such software-impaired cards with the  
**computer hardware configuration database** and spawns a new thread  
that waits for a corresponding configuration recorder object for a  
software-impaired card to become available in the system. For...etc.) in  
that object; (3) adds the THardwareInterfacelIdentifier objects created

above to the parent THardwareModuleMaker object passed in; and (4) registers the card (THardwareModuleMaker) with **computer hardware configuration database**.

The motherboard configuration recorder classes 2108 and 2112 are constructed and behave in an analogous fashion to the manual IO cards configuration recorder classes 2100...in that object; (3) adds the THardwareInterfacelIdentifier objects created above to the parent THardwareModuleMaker object passed in; and (4) registers the card (THardwareModuleMaker) with the **computer hardware configuration database**. The remaining classes 2110, 2114; 2116, 2120; 2118, 2122 and 2124, 2126 function in an analogous manner.

Referring now to Figure 22, the ISA bus...

6/5,K/6 (Item 6 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00707414

**OBJECT-ORIENTED SYSTEM AND METHOD FOR HARDWARE CONFIGURATION**  
**OBJEKTORIENTIERTES SYSTEM UND VERFAHREN ZUR HARDWAREKONFIGURATION**  
**SYSTEME ET PROCEDE ORIENTES OBJETS DE CONFIGURATION DE MATERIEL**  
PATENT ASSIGNEE:

OBJECT TECHNOLOGY LICENSING CORP., (2168570), 10355 N. De Anza Boulevard,  
Cupertino, CA 95014, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

NORMAN, George, W., 4753 Bach Court, Fremont, CA 94538, (US)

ANDERT, Glenn, P., 18487 Edminton Drive, Cupertino, CA 95051, (US)

LEGAL REPRESENTATIVE:

Kindermann, Manfred (6412), Patentanwalt, Sperberweg 29, 71032 Boblingen,  
(DE)

PATENT (CC, No, Kind, Date): EP 730763 A1 960911 (Basic)

EP 730763 B1 970903

WO 9517715 950629

APPLICATION (CC, No, Date): EP 94923149 940411; WO 94US3981 940411

PRIORITY (CC, No, Date): US 171722 931221

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06F-009/445;

NOTE:

No A-document published by EPO

LEGAL STATUS (Type, Pub Date, Kind, Text):

Application: 950913 A International application (Art. 158(1))

Application: 960911 A1 Published application (A1with Search Report  
;A2without Search Report)

Examination: 960911 A1 Date of filing of request for examination:  
960620

Change: 961016 A1 Representative (change)

\*Assignee: 961016 A1 Applicant (transfer of rights) (change): OBJECT  
TECHNOLOGY LICENSING CORP. (2168570) 10355 N.  
De Anza Boulevard Cupertino, CA 95014 (US)  
(applicant designated states: DE;FR;GB;IT)

\*Assignee: 961016 A1 Previous applicant in case of transfer of  
rights (change): TALIGENT, INC. (1821850) 10201  
N. De Anza Boulevard Cupertino, CA 95014 (US)  
(applicant designated states: DE;FR;GB;IT)

Examination: 961218 A1 Date of despatch of first examination report:  
961030

Change: 970416 A1 Designated Contracting States (change)

Grant: 970903 B1 Granted patent

Lapse: 980826 B1 Date of lapse of the European patent in a  
Contracting State: FR 980130

Oppn None: 980826 B1 No opposition filed

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9708W5	927
CLAIMS B	(German)	9708W5	777
CLAIMS B	(French)	9708W5	1011

SPEC B (English) 9708W5 10673  
Total word count - document A 0  
Total word count - document B 13388  
Total word count - documents A + B 13388

...SPECIFICATION of THardwareModule objects (e.g. kind=printer, kinds=scanner & modem).

Clients have access to a special THardwareConfiguration object, known as the ComputerHardwareConfiguration (also called the **computer hardware database**), which represents a personal computer's local hardware configuration. It includes devices such as the computer, mouse, keyboard and monitor. This database is the foundation...

6/5,K/7 (Item 7 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2002 European Patent Office. All rts. reserv.

00599850

Entity-relation database

Entity-relation Datenbank

Base de donnees du type a relations entre entites

PATENT ASSIGNEE:

AUTOMATED TECHNOLOGY ASSOCIATES Inc., (1502231), 8888 Keystone Crossing, Suite 600, Indianapolis, Indiana 46240, (US), (Proprietor designated states: all)

INVENTOR:

Layden, John E., 8829 Green Branch Lane, Indianapolis, Indiana 46256, (US)

Pearson, Thomas A., 9818 Gulfstream Court, Fishers, Indiana 46038, (US)

Layden, David J., 10410 East 79th Street, Indianapolis, Indiana 46236, (US)

LEGAL REPRESENTATIVE:

Adkins, Michael et al (42842), Withers & Rogers, Goldings House, 2 Hays Lane, London SE1 2HW, (GB)

PATENT (CC, No, Kind, Date): EP 583108 A2 940216 (Basic)  
EP 583108 A3 940608  
EP 583108 B1 020123

APPLICATION (CC, No, Date): EP 93305969 930728;

PRIORITY (CC, No, Date): US 922491 920730

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

INTERNATIONAL PATENT CLASS: G06F-017/30; G06F-012/08

CITED PATENTS (EP A): EP 389151 A; EP 114944 A

CITED PATENTS (EP B): EP 114944 A; EP 389151 A

CITED REFERENCES (EP A):

IBM TECHNICAL DISCLOSURE BULLETIN vol. 20, no. 7, December 1977, NEW YORK US pages 2829 - 2831 D. CHOY ET AL. 'Mechanism for generating unclustered link structures in a relational database system'

CONFERENCE ON ENTITY-RELATIONSHIP APPROCH TO SYSTEMS ANALYSIS AND DESIGN 10 December 1979, LOS ANGELES, US page 379 P. TING ET AL. 'An entity relationship model based on linked relations'

IBM TECHNICAL DISCLOSURE BULLETIN vol. 31, no. 6, November 1988, NEW YORK US pages 328 - 330 'Root Table - Sub Table concept in panels'

IEEE TRANSACTIONS ON SOFTWARE ENGINEERING vol. 15, no. 9, September 1989, NEW YORK US pages 1120 - 1129 A. MALHOTRA ET AL. 'An Entity-Relationship Programming Language'

ACM TRANSACTIONS ON DATABASE SYSTEMS vol. 9, no. 4, December 1984, NEW YORK US pages 503 - 525 K. ELHARDT ET AL. 'A Database Cache for High Performance and Fast Restart in Database Systems';

CITED REFERENCES (EP B):

IBM TECHNICAL DISCLOSURE BULLETIN vol. 20, no. 7, December 1977, NEW YORK US pages 2829 - 2831 D. CHOY ET AL. 'Mechanism for generating unclustered link structures in a relational database system'

CONFERENCE ON ENTITY-RELATIONSHIP APPROCH TO SYSTEMS ANALYSIS AND DESIGN 10 December 1979, LOS ANGELES, US page 379 P. TING ET AL. 'An entity relationship model based on linked relations'

IBM TECHNICAL DISCLOSURE BULLETIN vol. 31, no. 6, November 1988, NEW

YORK US pages 328 - 330 'Root Table - Sub Table concept in panels'  
 IEEE TRANSACTIONS ON SOFTWARE ENGINEERING vol. 15, no. 9 , September 1989  
 , NEW YORK US pages 1120 - 1129 A. MALHOTRA ET AL. 'An  
 Entity-Relationship Programming Language'  
 ACM TRANSACTIONS ON DATABASE SYSTEMS vol. 9, no. 4 , December 1984 , NEW  
 YORK US pages 503 - 525 K. ELHARDT ET AL. 'A Database Cache for High  
 Performance and Fast Restart in Database Systems';

ABSTRACT EP 583108 A2

An entity-relation database is disclosed to include a plurality of entity fields containing arrays of data elements, the data elements being related to each other in predefined sets, with each predefined set including data elements in at least two of the entity fields. At least one linked list defines the relationship between data elements between each of the predefined sets and provides a means for retrieving all of the elements of any selected predefined set from the two entity fields. The linked list consists of two distinct portions, namely, a head portion associated with each member of one entity field and a continuation portion associated with each member of another entity field, while each entry consists of a pair of addresses thereby forming a doubly linked list.

ABSTRACT WORD COUNT: 129

NOTE:

Figure number on first page: NONE

LEGAL STATUS (Type, Pub Date, Kind, Text):

Change: 000920 A2 International Patent Classification changed: 20000803  
 Application: 940216 A2 Published application (A1with Search Report ;A2without Search Report)  
 Lapse: 020911 B1 Date of lapse of European Patent in a contracting state (Country, date): SE 20020423,  
 Change: 001102 A2 Title of invention (German) changed: 20000912  
 Grant: 020123 B1 Granted patent  
 Search Report: 940608 A3 Separate publication of the European or International search report  
 Change: 940608 A2 Obligatory supplementary classification (change)  
 Examination: 950125 A2 Date of filing of request for examination: 941130  
 Examination: 980304 A2 Date of despatch of first examination report: 980120

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF2	1746
CLAIMS B	(English)	200204	1138
CLAIMS B	(German)	200204	1002
CLAIMS B	(French)	200204	1309
SPEC A	(English)	EPABF2	7810
SPEC B	(English)	200204	7865
Total word count - document A			9558
Total word count - document B			11314
Total word count - documents A + B			20872

...SPECIFICATION sufficiently fast to operate within the time constraints of events external to that database so long as they are not beyond the capacity of the **computer hardware** in which the **database** management system is installed which is of course always a limiting factor.

Summary of the Invention

A database in accordance with the present invention includes...

...SPECIFICATION sufficiently fast to operate within the time constraints of events external to that database so long as they are not beyond the capacity of the **computer hardware** in which the **database** management system is installed which is of course always a limiting factor.

Further background material can be found in IBM Technical Disclosure

Bulletin, vol.20...

File 347:JAPIO Oct 1976-2002/Aug(Updated 021203)

(c) 2002 JPO & JAPIO

File 350:Derwent WPIX 1963-2002/UD,UM &UP=200280

(c) 2002 Thomson Derwent

Set	Items	Description
S1	31	(DATABASE? ? OR DATA()BASE? ? OR REPOSITOR???) (3N) (COMPUTE- R? ? OR PC) (3N) (PARTS OR COMPONENTS)
S2	79	(DATABASE? ? OR DATA()BASE? ? OR REPOSITOR???) (5N) (COMPUTE- R? ? OR PC) (5N) (PARTS OR COMPONENTS)
S3	48	S2 NOT S1
S4	35	S3 AND IC=G06F
S5	17	(DATABASE? ? OR DATA()BASE? ? OR REPOSITOR???) (3N) (COMPUTE- R? ? OR PC) (3N) HARDWARE
S6	12	S5 AND IC=G06F

1/5/2 (Item 2 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07123320 \*\*Image available\*\*  
UPGRADING AND RENEWING SYSTEM FOR COMPUTER

PUB. NO.: 2001-350988 [JP 2001350988 A]  
PUBLISHED: December 21, 2001 (20011221)  
INVENTOR(s): SHIINA AKIYOSHI  
APPLICANT(s): PRO SAIDO KK  
APPL. NO.: 2000-207526 [JP 2000207526]  
FILED: June 05, 2000 (20000605)  
INTL CLASS: G06F-017/60; G06F-017/30

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a system or a method for retrieving parts to be suited to user's machine kind information by reference to a computer information database in accordance with user's desire such as upgrading or renewal while solving a problem such as compatibility between parts or between the parts and a computer machine kind and for judging the suitability of the retrieved parts .

SOLUTION: The system is provided with the computer information database for storing computer machine kind information, computer parts information and parts compatibility information, a desire input means for inputting information for specifying a terminal machine kind from a client terminal and desire information such as the upgrading or renewal of the computer from the client terminal, a program for retrieving the parts to be suited to machine kind information and desire information which are transmitted from the client terminal by referring to the computer information database and for judging the suitability of the retrieved parts and a judgement result transmitting means for transmitting a retrieval and judgement result to the client terminal.

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1/5/3 (Item 3 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07069587 \*\*Image available\*\*  
ORDER RECEPTION SYSTEM WITH PLURAL COMPONENTS

PUB. NO.: 2001-297232 [JP 2001297232 A]  
PUBLISHED: October 26, 2001 (20011026)  
INVENTOR(s): OSHIMOTO ATSUSHI  
APPLICANT(s): NEC CORP  
APPL. NO.: 2000-113380 [JP 2000113380]  
FILED: April 14, 2000 (20000414)  
INTL CLASS: G06F-017/60

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide an order reception system which makes it possible to individually specify and purchase components of personal computer and complete the personal computer without the detailed knowledge of the components.

SOLUTION: This system is equipped with a component information storage means ( database ) which stores information by components of personal computers , a question information transmitting means (question data transmitting function) which sends question information regarding a personal computer as an orderer gains accesses, a performance rank table generating means (choice standard estimating function) which generates a component rank table of the performance of optimum components adapted to answer contents, and an optimum component selecting means which selects optimum components corresponding to an orderer's desire from a component

storage means according to the answer contents from the orderer to the performance rank table.

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1/5/4 (Item 4 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07054884 \*\*Image available\*\*  
SOFTWARE PARTS REPOSITORY DEVICE, METHOD FOR MANAGING SOFTWARE PARTS  
AND COMPUTER READABLE RECORDING MEDIUM STORED WITH PROGRAM

PUB. NO.: 2001-282519 [JP 2001282519 A]  
PUBLISHED: October 12, 2001 (20011012)  
INVENTOR(s): MORI TOSHIHARU  
ANAMI MICHIO  
APPLICANT(s): MITSUBISHI ELECTRIC CORP  
APPL. NO.: 2000-090677 [JP 200090677]  
FILED: March 29, 2000 (20000329)  
INTL CLASS: G06F-009/06; G06F-017/30

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide management device and method capable of retrieving a system utilizing software parts without omission and surely informing a person in charge of the retrieved system of the retrieved result.

SOLUTION: A parts information registration part 13 registers parts information including a class name included in software parts in a repository 2, a system information registration part 17 registers system information including the name of the person in charge, a class name retrieval part 16 specifies software parts to be used for the generation of the system from system generation information by using the class name, and a link information registration part 18 registers link information to be used for the retrieval of the system.

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1/5/5 (Item 5 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2002 JPO & JAPIO. All rts. reserv.

06516055 \*\*Image available\*\*  
EQUIPMENT OPERATION GUIDANCE SYSTEM

PUB. NO.: 2000-101773 [JP 2000101773 A]  
PUBLISHED: April 07, 2000 (20000407)  
INVENTOR(s): SUZUKI OKIFUMI  
APPLICANT(s): RICOH CO LTD  
APPL. NO.: 10-283529 [JP 98283529]  
FILED: September 18, 1998 (19980918)  
INTL CLASS: H04N-001/00; B41J-029/42; G03G-021/00; H04M-011/00;  
H04N-001/32; G06F-003/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To make it possible to reduce labor until a guidance about operation is received and a time spent until operation uncertainty is resolved by retrieving an operation guidance requested by an operation guidance demand means from an operation guidance database means by an operation guidance retrieval means.

SOLUTION: In a center system 100, an operation inquiry sub-system 10 and a remote centralized management system 20 are connected by way of a LAN, the inquiry sub-system 10 is composed of plural telephone sets 11a and 11b and



plural computer terminals 12a and 12b, and the plural computer terminals have operation guidance database parts (DB) 13a and 13b connected respectively. Then, the operation guidance database parts (DB) 13a and 13b are automatically retrieved in accordance to kinds of operation inquiry equipment, contents or the like and its retrieval result is outputted to a device which an image forming device user specifies. Thus, it is possible to efficiently reduce labor and a time needed for searching an operation manual or asking a master.

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1/5/6 (Item 6 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05089111 \*\*Image available\*\*  
DISTRIBUTED COMPUTER SYSTEM

PUB. NO.: 08-044611 [JP 8044611 A]  
PUBLISHED: February 16, 1996 (19960216)  
INVENTOR(s): YAMAMOTO SATOSHI  
YASUNAGA TAKANORI  
APPLICANT(s): NEC SOFTWARE LTD [491061] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 06-176340 [JP 94176340]  
FILED: July 28, 1994 (19940728)  
INTL CLASS: [6] G06F-012/00; G06F-015/16  
JAPIO CLASS: 45.2 (INFORMATION PROCESSING -- Memory Units); 45.4 (INFORMATION PROCESSING -- Computer Applications)

#### ABSTRACT

PURPOSE: To provide the distributed computer system with which the time for replacement to match data bases provided at respective distributed computers can be shortened.

CONSTITUTION: A distributed computer system 1 is composed of a main computer 2 provided with a main data base 21 and a high-speed communication line 4 for connecting slave computers 3 provided with slave data bases 31 constituted by copying the main data base 21. The main computer 2 is provided with a main data base matching part 23 for executing data base matching, main data base 21 for master data, and main managing table 22 for managing the main data base 22, and the slave computers 3 are provided with slave data base matching parts 33, their own slave data bases 31 and slave managing tables 32 for the slave data bases 31.

1/5/7 (Item 7 from file: 347)  
DIALOG(R)File 347:JAPIO  
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04102749 \*\*Image available\*\*  
PARTS INFORMATION MANAGEMENT SYSTEM

PUB. NO.: 05-094449 [JP 5094449 A]  
PUBLISHED: April 16, 1993 (19930416)  
INVENTOR(s): TAKAHASHI NORIO  
APPLICANT(s): NEC CORP [000423] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 03-278488 [JP 91278488]  
FILED: September 30, 1991 (19910930)  
INTL CLASS: [5] G06F-015/21; G06F-012/00; G06F-015/40  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 45.2 (INFORMATION PROCESSING -- Memory Units)  
JOURNAL: Section: P, Section No. 1593, Vol. 17, No. 445, Pg. 8, August 16, 1993 (19930816)

#### ABSTRACT

PURPOSE: To use the correct content of necessary parts information as necessary by the user of a local device.

CONSTITUTION: An inputting part 1 inputs input parts information 2, and a data base updating part 3 registers it in a host **computer data base** 4. A **parts** classification judging part 7 collates the parts classification code of the input parts information 2 to the parts classification code in a parts classification managing table 8, and outputs the matched input parts information 2. A parts judging part 5 collates the parts code of the input parts information 2 to the parts code in a parts managing table 6, and outputs matched update part information 9. A parts classification managing table updating part 13 sets the parts classification code of the parts information at the parts classification managing table 8, and a parts managing table updating part 12 sets the parts code of the parts information at the parts managing table 6. A local database updating part 10 registers the update parts information 9 in a local data base 11.

1/5/8 (Item 8 from file: 347)  
DIALOG(R)File 347:JAPIO  
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02769131 \*\*Image available\*\*  
RETRIEVING SYSTEM FOR SOFTWARE PARTS

PUB. NO.: 01-066731 [JP 1066731 A]  
PUBLISHED: March 13, 1989 (19890313)  
INVENTOR(s): HASUDA HIROYASU  
KANEKO SHINICHI  
FUKUDA YUKIO  
ISHIKAWA KAZUHIKO  
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 62-224874 [JP 87224874]  
FILED: September 08, 1987 (19870908)  
INTL CLASS: [4] G06F-009/06; G06F-007/28; G06F-009/44  
JAPIO CLASS: 45.1 (INFORMATION PROCESSING -- Arithmetic Sequence Units);  
45.2 (INFORMATION PROCESSING -- Memory Units)  
JOURNAL: Section: P, Section No. 890, Vol. 13, No. 276, Pg. 165, June  
26, 1989 (19890626)

#### ABSTRACT

PURPOSE: To retrieve the software parts in a short time and with high accuracy by retrieving a software part that has the specifications equal or similar to the requested application shown in a 3-subject/1-operation model form.

CONSTITUTION: A host computer 2 and plural terminals 3 are connected to a bus for a transmission medium. A host **computer** 2 contains a **parts data base** 2a and a partsaccumulation control part 2b; while the terminal 3 contains a retrieving knowledge base 3a and a parts retrieval control part 3b. Then the terms used for description of the parts function specifications are extracted out of the base 2a in a preparatory process and sorted in the ascending order. These sytematized terms are set into the base 3a. Then, the requested specifications used at retrieval and the parts function used at registration are described in a 3-subject/1-operation model. These descriptions are registered into the base 2a for retrieval of parts.

1/5/9 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014855979 \*\*Image available\*\*  
WPI Acc No: 2002-676685/200273  
XRPX Acc No: N02-534941

Computer network sales system has database sorting data components based on maturity levels corresponding to progressive levels of business transaction

Patent Assignee: RICOH KK (RICO ); IKEZAWA T (IKEZ-I); KOIDE M (KOID-I); MATANO Y (MATA-I)

Inventor: IKEZAWA T; KOIDE M; MATANO Y

Number of Countries: 028 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1244042	A1	20020925	EP 20026573	A	20020321	200273 B
US 20020138340	A1	20020926	US 2002101860	A	20020321	200273
JP 2002279159	A	20020927	JP 200181365	A	20010321	200279
JP 2002288550	A	20021004	JP 200189121	A	20010327	200280
JP 2002288090	A	20021004	JP 200188813	A	20010326	200280
JP 2002288352	A	20021004	JP 200189070	A	20010327	200280
JP 2002288412	A	20021004	JP 200190258	A	20010327	200280

Priority Applications (No Type Date): JP 200190258 A 20010327; JP 200181365 A 20010321; JP 200188813 A 20010326; JP 200189070 A 20010327; JP 200189121 A 20010327

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 1244042	A1	E	99	G06F-017/60	
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

US 20020138340	A1			G06F-017/60	
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JP 2002279159	A		17	G06F-017/60	
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JP 2002288550	A		8	G06F-017/60	
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JP 2002288090	A		15	G06F-013/00	
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JP 2002288352	A		6	G06F-017/60	
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JP 2002288412	A		10	G06F-017/60	
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Abstract (Basic): EP 1244042 A1

NOVELTY - Computer network system comprises a data input device for the sales activity information concerning the business transaction currently being carried out, a database sorting the data components based on maturity levels corresponding to progressive levels of the business transaction, and a request input device.

DETAILED DESCRIPTION - A page creator reads out the data components stored in the database to create a page providing information regarding the sales activities and a page output device displays the page. The input data is instruction information for the sales staff or is a source for forming a report or document regarding sales activities. The displayed page includes fields for displaying in image corresponding to the request input and the maturity level of the business transaction. A memo data creator creates the information component formed by digitizing information regarding a business and the component created is stored in the database. The data input device inputs history information regarding previous business transactions made with the customers, repairs of a predetermined product purchased by the customer before and inquiries from the customer. The page creator reads out the history information to create a page in response to a request input. The data input devices included in a terminal used by the sales staff or manager and the request input device is included in a second terminal installed in an office. There is an INDEPENDENT CLAIM for a method of facilitating sales activities.

USE - System is for facilitating sales activities.

DESCRIPTION OF DRAWING(S) - The figure shows a computer network system.

pp; 99 DwgNo 1/56

Title Terms: COMPUTER; NETWORK; SALE; SYSTEM; DATABASE; SORT; DATA;

COMPONENT; BASED; MATURE; LEVEL; CORRESPOND; PROGRESS; LEVEL; BUSINESS; TRANSACTION

Derwent Class: T01

International Patent Class (Main): G06F-013/00; G06F-017/60

International Patent Class (Additional): G06F-017/30; G09B-019/04;

H04L-012/58; H04M-011/00

File Segment: EPI

1/5/10 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv.

014769443

WPI Acc No: 2002-590147/200263

XRPX Acc No: N02-468374

**Searchable form legacy data provision method for large manufacturing companies, involves providing category identifier for unique portions that corresponds one machine sub-assembly**

Patent Assignee: BARNARD D E (BARN-I); KILLIAN C M (KILL-I)

Inventor: BARNARD D E; KILLIAN C M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020082959	A1	20020627	US 2000750485	A	20001227	200263 B

Priority Applications (No Type Date): US 2000750485 A 20001227

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020082959	A1	12	G06F-017/60	

Abstract (Basic): US 20020082959 A1

NOVELTY - The number of unique portions in set of legacy machine parts information, is identified by a respective part identifier and an entry is created in **computer searchable database** corresponding to identified **parts**. The category identifier is provided in the database, for each identified unique parts that corresponds to one machine sub-assembly.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Legacy data access facilitating method;
- (2) Machine parts information accessing method; and
- (3) Computer readable media storing machine parts information access facilitating program.

USE - Used for providing searchable form legacy data for tracking information of replacement of parts in machines in large manufacturing companies which manufactures thousands of different machines with several individual parts through computer networks such as Internet.

ADVANTAGE - The parts selection process ensures that the user selects only parts in predefined packages. Thus permits the company to prepackage parts, which can later be easily and quickly shipped upon request.

pp; 12 DwgNo 0/5

Title Terms: SEARCH; FORM; DATA; PROVISION; METHOD; MANUFACTURE; COMPANY; CATEGORY; IDENTIFY; UNIQUE; PORTION; CORRESPOND; ONE; MACHINE; SUB; ASSEMBLE

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

1/5/11 (Item 3 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2002 Thomson Derwent. All rts. reserv.

014593424 \*\*Image available\*\*

WPI Acc No: 2002-414128/200244

XRPX Acc No: N02-325553

**Computer graphics system for designing subway station, registers computer graphic designs as components in database**

Patent Assignee: IMAI SUMIKO DESIGN JIMUSHO IKKYU KENCHIK (IMAI-N); IMAI S (IMAI-I)

Inventor: IMAI S

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020029133	A1	20020307	US 2001870283	A	20010530	200244 B
JP 2002082640	A	20020322	JP 2000270709	A	20000906	200244

Priority Applications (No Type Date): JP 2000270709 A 20000906

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020029133	A1	17	G06F-017/50	
JP 2002082640	A	11	G09F-019/00	

Abstract (Basic): US 20020029133 A1

NOVELTY - The entire station including walls, ceilings and steps of escalator (1), walls of platform, tunnel (4), pillars, floors, is designed using computer graphics. The created designs are registered as components in a database. The components are pasted together on specified location to design an entire area of a subway station.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) an advertisement designing method; and
- (b) a decoration method.

USE - The computer graphics system used for designing subway station.

ADVANTAGE - Provides design, beautifies the premises of subway stations, offers the user with a comfortable space. Improves advertising effect.

DESCRIPTION OF DRAWING(S) - The figure shows the subway premises.

Escalator (1)

Tunnel (4)

pp; 17 DwgNo 1/13

Title Terms: COMPUTER; GRAPHIC; SYSTEM; DESIGN; SUBWAY; STATION; REGISTER;

COMPUTER; GRAPHIC; DESIGN; COMPONENT; DATABASE

Derwent Class: P85; T01

International Patent Class (Main): G06F-017/50; G09F-019/00

International Patent Class (Additional): G06T-011/80

File Segment: EPI; EngPI

1/5/12 (Item 4 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2002 Thomson Derwent. All rts. reserv.

014545334 \*\*Image available\*\*

WPI Acc No: 2002-366037/200240

XRFX Acc No: N02-285738

**Interactive database system for computer based health analysis, processes query data based on the adjacency data components and accordingly syntax interpretation is performed for database management**

Patent Assignee: NEC CORP (NIDE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002007435	A	20020111	JP 2000185484	A	20000620	200240 B

Priority Applications (No Type Date): JP 2000185484 A 20000620

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2002007435	A	21	G06F-017/30	

Abstract (Basic): JP 2002007435 A

NOVELTY - The enquiry data received from users in different languages is managed according to the syntax interpretation of each language. The stored data is processed with respect to the analysis demand based on the adjacency data components. The syntax of the processed data is recognized and accordingly the whole data is managed orderly.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for recorded medium storing interactive analysis program.

USE - For interactive health analysis using computer.

ADVANTAGE - Reduces response time due to effective management of attributes during analysis.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the interactive database system. (Drawing includes non-English language text).

pp; 21 DwgNo 1/31

Title Terms: INTERACT; DATABASE; SYSTEM; COMPUTER; BASED; HEALTH; ANALYSE; PROCESS; QUERY; DATA; BASED; ADJACENT; DATA; COMPONENT; ACCORD; SYNTAX; INTERPRETATION; PERFORMANCE; DATABASE; MANAGEMENT

Derwent Class: T01

International Patent Class (Main): G06F-017/30

International Patent Class (Additional): G06F-012/00

File Segment: EPI

1/5/13 (Item 5 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014333668 \*\*Image available\*\*

WPI Acc No: 2002-154371/200220

Related WPI Acc No: 2001-226416; 2001-367443; 2001-625915

XRPX Acc No: N02-117452

Method of selecting electronic components from remote database by embedding parts into software application running on user computer

Patent Assignee: CADENCE DESIGN SYSTEMS INC (CADE-N)

Inventor: PLYMALE J M; ROBERTSON W H

Number of Countries: 094 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200165423	A2	20010907	WO 2001US6155	A	20010226	200220 B
AU 200139890	A	20010912	AU 200139890	A	20010226	200220
EP 1261925	A2	20021204	EP 2001914511	A	20010226	200280
			WO 2001US6155	A	20010226	

Priority Applications (No Type Date): US 2000514674 A 20000228

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200165423 A2 E 32 G06F-017/50

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200139890 A G06F-017/50 Based on patent WO 200165423

EP 1261925 A2 E G06F-017/50 Based on patent WO 200165423

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

Abstract (Basic): WO 200165423 A2

NOVELTY - Method consists in storing dynamic parts representing individual electronic components in a remote parts database, connecting a user computer to the database and embedding a part into an application running on the user computer for modelling an electronic design. Parts are displayed graphically, each is associated with component data items, and a set of dynamic parts is embedded into the application to generate an electronic bill of materials with a link to databases.

DETAILED DESCRIPTION - There is an INDEPENDENT CLAIM for a system for providing electronic components to users over a distributed electronic network.

USE - Method is for selecting and procuring electronic components used in circuit and chip designs.

DESCRIPTION OF DRAWING(S) - The figure shows a system for selecting and utilizing dynamic representations of electronic components.

pp; 32 DwgNo 4/6

Title Terms: METHOD; SELECT; ELECTRONIC; COMPONENT; REMOTE; DATABASE; EMBED

; PART; SOFTWARE; APPLY; RUN; USER; COMPUTER  
Derwent Class: T01  
International Patent Class (Main): G06F-017/50  
File Segment: EPI

1/5/15 (Item 7 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013926401 \*\*Image available\*\*  
WPI Acc No: 2001-410614/200144  
Related WPI Acc No: 1997-205658; 1997-247621  
XRPX Acc No: N01-303759

**Generating from heterogeneous specification heterogeneous implementation of system has**

Patent Assignee: INTERUNIV MICROELEKTRONICA CENT VZW (INTE-N)  
Inventor: BOLSENS I; DE MAN H; LIN B; VAN ROMPAEY K; VANHOOF J; VERKEST D  
Number of Countries: 012 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1065611	A2	20010103	EP 96870126	A	19961003	200144 B
			EP 99204577	A	19961003	

Priority Applications (No Type Date): US 9619867 P 19960617; US 956012 P 19951023; US 96592697 A 19960126

**Patent Details:**

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 1065611	A2	E	37	G06F-017/50	Div ex application EP 96870126 Div ex patent EP 772140

Designated States (Regional): AT BE CH DE ES FI FR GB IT LI NL SE

**Abstract (Basic): EP 1065611 A2**

NOVELTY - A system (22) includes a digital part, heterogeneous specification has a number of paradigms having associated behavioral and structural languages, the heterogeneous implementations have hardware and software **parts**. A **database** compiled on a **computer** environment, and has number of objects which have primitive objects representing the specification of the system and hierarchical objects being created by the executable programs while generating the implementation system.

DETAILED DESCRIPTION - The hierarchical objects being refinements of the primitive objects and having more detail and preserving any one or all of the aspects to thereby generate the implementation of the system. Simulating the system having a number of simulators for the behavioral and structural languages. Implementing the system includes a number of compilers for the behavioral and structural languages. Assigning hardware subsystems (23) and software subsystems to allocated hardware components. Implementing the communication between the software and hardware subsystems. Creating processor models of the allocated hardware components as primitive objects in the database and encapsulating the simulators and compilers (24), hardware components and subsystems and the software subsystems in the apparatus to create a consistent communication between the encapsulation and the encapsulated simulators, compilers, and hardware and software subsystems.

USE - Hardware and software co-design which includes specification, synthesis, and simulation of heterogeneous.

DESCRIPTION OF DRAWING(S) - The figure shows a an illustration of the primitive objects in the database and the relations in between the primitive objects.

System (22)  
Subsystem (23)  
Language encapsulation (24)  
pp; 37 DwgNo 3/17

Title Terms: GENERATE; HETEROGENEOUS; SPECIFICATION; HETEROGENEOUS; IMPLEMENT; SYSTEM

Derwent Class: T01  
International Patent Class (Main): G06F-017/50

File Segment: EPI

1/5/19 (Item 11 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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013429169 \*\*Image available\*\*  
WPI Acc No: 2000-601112/200057  
XRPX Acc No: N00-444736

**Access securing system for network elements such as switches, has network element access server which controls access to network elements by users, based on verification of user credential combination**

Patent Assignee: MCI COMMUNICATIONS CORP (MCIC-N)

Inventor: HALL R D; HE J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6088451	A	20000711	US 96674638	A	19960628	200057 B

Priority Applications (No Type Date): US 96674638 A 19960628

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6088451	A	28	H04K-001/00	

Abstract (Basic): US 6088451 A

NOVELTY - An authentication server (202) prepares a response message on authentication of network users (102) to network elements (104). A credential server (204) controls the network user credentials. A network element access server (206) controls user access to the network elements, based on verification of credential combination. A registration database (210) administers and manages network access.

DETAILED DESCRIPTION - The registration database stores user identifiers, list of user credentials, user passwords and administrative information. The user and network elements include separate local access control units to facilitate secure communication of data over the network. An INDEPENDENT CLAIM is also included for an access securing method.

USE - For network elements such as switches, signaling transfer points, mainframe computers, database servers etc. Also implemented in hardware components using application specific integrated circuit.

ADVANTAGE - In combination with data encryption and decryption and integrity checksum, the security services offered by the network security architecture provide a comprehensive solution to network security for user access to network elements.

DESCRIPTION OF DRAWING(S) - The figure shows high level block diagram of network incorporating security server.

Network users (102)  
Network elements (104)  
Authentication server (202)  
Credential server (204)  
Network element access server (206)  
Registration database (210)  
pp; 28 DwgNo 2/10

Title Terms: ACCESS; SECURE; SYSTEM; NETWORK; ELEMENT; SWITCH; NETWORK; ELEMENT; ACCESS; SERVE; CONTROL; ACCESS; NETWORK; ELEMENT; USER; BASED; VERIFICATION; USER; COMBINATION

Derwent Class: T01; W01

International Patent Class (Main): H04K-001/00

File Segment: EPI

1/5/20 (Item 12 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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013394296 \*\*Image available\*\*



WPI Acc No: 2000-566234/200053  
XRPX Acc No: N00-418185

**Computer system has management function that populates database cells with property identifiers and property values associated with property identifiers in associated cell groups**

Patent Assignee: BB-DATA GES INFORMATIONS & KOMMUNIKATION (BBDA-N)

Inventor: HERRMANN D; MEY T

Number of Countries: 086 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 19907875	A1	20000824	DE 1007875	A	19990223	200053 B
WO 200051020	A2	20000831	WO 2000EP1415	A	20000222	200053
AU 200028064	A	20000914	AU 200028064	A	20000222	200063

Priority Applications (No Type Date): DE 1007875 A 19990223

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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DE 19907875	A1	11		G06F-017/30	
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WO 200051020	A2	G		G06F-017/30	
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Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200028064	A			G06F-017/30	Based on patent WO 200051020
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Abstract (Basic): DE 19907875 A1

NOVELTY - The computer system has a central database (12) for managing the computer system, local system components (14,16,18) with properties with associated property values and identifiers, agents (46,52,62) for transmitting at least one pair of values to the central database containing a property value and identifier. The database has a first group of cells occupied by property values. A second group of database cells can be occupied by property identifiers and positively associated with one of the first cell group. A management function (42) can populate the second cell group with property identifiers and populates one of the first cell group with the property value associated with the property identifier in its associated second group cell.

USE - Computer system with central database for managing the computer system.

ADVANTAGE - The computer system is designed to be simpler to manage.

DESCRIPTION OF DRAWING(S) - The drawing shows a schematic representation of a **computer** system with local **components** and a central **database**

central database (12)

local system components (14,16,18)

agents (46,52,62)

management function (42)

pp; 11 DwgNo 1/4

Title Terms: COMPUTER; SYSTEM; MANAGEMENT; FUNCTION; DATABASE; CELL; PROPERTIES; IDENTIFY; PROPERTIES; VALUE; ASSOCIATE; PROPERTIES; IDENTIFY; ASSOCIATE; CELL; GROUP

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI

1/5/22 (Item 14 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013147164

WPI Acc No: 2000-319036/200028

XRPX Acc No: N00-239340

**Simplification method for technical planning, costing, development and**

**construction of large collaborative projects and industrial systems,  
involving central database with monitored computer network access**

Patent Assignee: HOCHSTATTER H (HOCH-I)

Inventor: HOCHSTATTER H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
DE 19844362	A1	20000330	DE 1044362	A	19980928	200028	B

Priority Applications (No Type Date): DE 1044362 A 19980928

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 19844362	A1		2	G06F-017/60	

Abstract (Basic): DE 19844362 A1

NOVELTY - The method involves using a central database with monitored computer network access containing parts , components , and equipment modules corresponding to a defined fixed descriptive structure. Access is monitored and controlled, using access codes that can be stored on personal access media or hard-wired.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for a device for executing the method.

USE - For planning, costing, development and construction of large collaborative projects and industrial systems.

ADVANTAGE - Enables global equipment and system design to be performed with plausibility checking and personal code security.

DESCRIPTION OF DRAWING(S) - No drawings are supplied.

pp; 2 DwgNo 0/0

Title Terms: SIMPLIFY; METHOD; TECHNICAL; PLAN; COST; DEVELOP; CONSTRUCTION  
; PROJECT; INDUSTRIAL; SYSTEM; CENTRAL; DATABASE; MONITOR; COMPUTER;  
NETWORK; ACCESS

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

1/5/26 (Item 18 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011186914 \*\*Image available\*\*

WPI Acc No: 1997-164839/199715

XPX Acc No: N97-135835

**Managing globally distributed software components in computer network -  
by using registry file to identify currently registered components and  
locations, and database which associates software component identifiers  
with component locators**

Patent Assignee: NOVELL INC (NOVE-N)

Inventor: SONDEREGGER K; SONDEREGGER K E

Number of Countries: 070 Number of Patents: 010

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9700475	A1	19970103	WO 96US10340	A	19960613	199715	B
AU 9661776	A	19970115	AU 9661776	A	19960613	199718	
EP 827607	A1	19980311	EP 96919430	A	19960613	199814	
			WO 96US10340	A	19960613		
US 5761499	A	19980602	US 95576647	A	19951221	199829	
EP 827607	B1	19990324	EP 96919430	A	19960613	199916	
			WO 96US10340	A	19960613		
JP 11502963	W	19990309	WO 96US10340	A	19960613	199920	
			JP 97503354	A	19960613		
US 5893118	A	19990406	US 95576647	A	19951221	199921	
			US 97786918	A	19970122		
DE 69601868	E	19990429	DE 601868	A	19960613	199923	
			EP 96919430	A	19960613		
			WO 96US10340	A	19960613		
JP 3083853	B2	20000904	WO 96US10340	A	19960613	200045	
			JP 97503354	A	19960613		

CA 2223933 C 20010206 CA 2223933 A 19960613 200111  
WO 96US10340 A 19960613

Priority Applications (No Type Date): US 95576647 A 19951221; US 95200 P  
19950614; US 953615 P 19950912; US 97786918 A 19970122

Cited Patents: 2.Jnl.Ref; EP 248403

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9700475 A1 E 26 G06F-009/46

Designated States (National): AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE  
DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN  
MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GR IE IT KE  
LS LU MC MW NL OA PT SD SE SZ UG

AU 9661776 A G06F-009/46 Based on patent WO 9700475

EP 827607 A1 E G06F-009/46 Based on patent WO 9700475

Designated States (Regional): DE FR GB IE

US 5761499 A G06F-017/30

EP 827607 B1 E G06F-009/46 Based on patent WO 9700475

Designated States (Regional): DE FR GB IE

JP 11502963 W 43 G06F-009/06 Based on patent WO 9700475

US 5893118 A G06F-017/00 Cont of application US 95576647

Cont of patent US 5761499

DE 69601868 E G06F-009/46 Based on patent EP 827607

Based on patent WO 9700475

JP 3083853 B2 16 G06F-009/445 Previous Publ. patent JP 11502963

Based on patent WO 9700475

CA 2223933 C E G06F-009/46 Based on patent WO 9700475

Abstract (Basic): WO 9700475 A

The method for managing software **components** in a **computer** network involves accessing a **database** which associates software component identifiers with software component locators, and selecting a software component which is identified in the database as a result of the accessing step. An initial location of the software component selected during the selection is determined, and the registry file is updated to include a current location of the selected software component.

The software component selected includes a reference count to allow for simultaneous use of the component by multiple clients and to determine when the component can be safely destroyed.

USE - Locating and registering component object model (COM) or OLE software component binary objects and interfaces which reside on local network or Internet.

Dwg.2/7

Title Terms: MANAGE; DISTRIBUTE; SOFTWARE; COMPONENT; COMPUTER; NETWORK;  
REGISTER; FILE; IDENTIFY; CURRENT; REGISTER; COMPONENT; LOCATE; DATABASE;  
ASSOCIATE; SOFTWARE; COMPONENT; IDENTIFY; COMPONENT; LOCATE

Derwent Class: T01

International Patent Class (Main): G06F-009/06; G06F-009/445; G06F-009/46;  
G06F-017/00; G06F-017/30

File Segment: EPI

1/5/28 (Item 20 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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008971021 \*\*Image available\*\*

WPI Acc No: 1992-098290/199213

XRFX Acc No: N92-073582

Parts supply device with managing system - uses supply reels with machine writable labels and control computer with database to record parts usage

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (MATU ); MATSUSHITA ELEC  
IND CO LTD (MATU )

inventor: MORIMOTO S; NAKAO Y; NOYAMA T; TANAKA S; YASUTAKE M; YOSHIDA N;  
MOTO S

Number of Countries: 004 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 476577	A	19920325	EP 91115732	A	19910917	199213 B
JP 4129300	A	19920430	JP 90250908	A	19900919	199230
JP 4164395	A	19920610	JP 90292337	A	19901029	199230
US 5235164	A	19930810	US 91760353	A	19910916	199333
EP 476577	A3	19930310	EP 91115732	A	19910917	199349
EP 476577	B1	19970205	EP 91115732	A	19910917	199711
DE 69124558	E	19970320	DE 624558	A	19910917	199717
			EP 91115732	A	19910917	

Priority Applications (No Type Date): JP 90292337 A 19901029; JP 90250908 A 19900919

Cited Patents: No-SR.Pub; DE 3704414; US 4610083

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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EP 476577	A	20		
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Designated States (Regional): DE GB

JP 4129300	A	6	H05K-013/08
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JP 4164395	A	8	H05K-013/02
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US 5235164	A	17	H05K-013/00
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EP 476577	B1 E	25	H05K-013/00
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Designated States (Regional): DE GB

DE 69124558	E		H05K-013/00	Based on patent EP 476577
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Abstract (Basic): EP 476577 A

The parts supply system includes mountings for cassettes (4) containing reels (2) of tape mounted components, a parts feeding device, a machine writable label for storing data of number of parts held by the reel, and a computer for rewriting the parts quantity data stored on the label according to usage.

Control of parts supply includes the reading of an identifying mark on the reel, fetching parts data from a database and writing data onto a writable label on the reel after the reel is removed from the feeder. Reels are changed when one becomes exhausted.

USE/ADVANTAGE - In supply of parts to electronic component mounting machine; avoids stoppages caused by parts supply exhaustion. Printed wiring board.

Dwg.1/3

Title Terms: PART; SUPPLY; DEVICE; MANAGE; SYSTEM; SUPPLY; REEL; MACHINE; WRITING; LABEL; CONTROL; COMPUTER; DATABASE; RECORD; PART

Derwent Class: Q35; R59; V04

International Patent Class (Main): H05K-013/00; H05K-013/02; H05K-013/08

International Patent Class (Additional): B65G-001/00; B65G-043/00;

B65G-043/08; B65G-047/08; H05K-013/04

File Segment: EPI; EngPI

1/5/29 (Item 21 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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008929837 \*\*Image available\*\*

WPI Acc No: 1992-057106/199208

XRPX Acc No: N92-043531

**Design system for complex mechanical assemblies - uses computer database of components allowing user to specify dimensions and relationships with computer checking of assembly**

Patent Assignee: TECNOCAD LIMITED (TECN-N); TECNOCAD LTD (TECN-N)

Inventor: CARROLL K; NEARY P

Number of Countries: 002 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
BE 1003144	A	19911210	BE 91531	A	19910603	199208 B
GB 2255661	A	19921111	GB 9110076	A	19910509	199246 N

Priority Applications (No Type Date): BE 91531 A 19910603; GB 9110076 A

19910509

Patent Details:

Patent No	Kind	Lan	Pg	Main	IPC	Filing	Notes
GB 2255661	A		23	G06F-015/60			

Abstract (Basic): BE 1003144 A

The system for designing complex assemblies of more basic components uses a database of the principal components with information on their main parameters and dimensions, characteristics, interconnection to other components and rules for choosing each element. The system has a user interface and mass storage linked by a design controller to the database. The user is prompted for appropriate information, parameters, identification codes and the system validates such input and checks that selected components fit together.

The system can be linked to machine control programs in order to manufacture the assembly thus designed.

ADVANTAGE - Design of complex structures assembled from simpler components, improved speed of design and automatic verification of correct assembly. (16pp Dwg.No.2/5)

Title Terms: DESIGN; SYSTEM; COMPLEX; MECHANICAL; ASSEMBLE; COMPUTER; DATABASE; COMPONENT; ALLOW; USER; SPECIFIED; DIMENSION; RELATED; COMPUTER ; CHECK; ASSEMBLE

Derwent Class: T01

International Patent Class (Main): G06F-015/60

File Segment: EPI

4/5/1 (Item 1 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05526742 \*\*Image available\*\*  
AUTOMATIC MAKING METHOD FOR WORKING PLAN

PUB. NO.: 09-141542 [JP 9141542 A]  
PUBLISHED: June 03, 1997 (19970603)  
INVENTOR(s): CHAEN KOICHIRO  
YANAGIGUCHI YOSHIBUMI  
HAMADA YUJI  
UEDA NOBUMITSU  
YAGAWA TATSUHIKO  
APPLICANT(s): HONDA MOTOR CO LTD [000532] (A Japanese Company or  
Corporation), JP (Japan)  
APPL. NO.: 07-303109 [JP 95303109]  
FILED: November 21, 1995 (19951121)  
INTL CLASS: [6] B23Q-041/08; B62D-065/00; G05B-015/02; **G06F-017/60**  
JAPIO CLASS: 25.2 (MACHINE TOOLS -- Cutting & Grinding); 22.3 (MACHINERY  
-- Control & Regulation); 26.2 (TRANSPORTATION -- Motor  
Vehicles); 36.1 (LABOR SAVING DEVICES -- Industrial Robots);  
45.4 (INFORMATION PROCESSING -- Computer Applications)

#### ABSTRACT

PROBLEM TO BE SOLVED: To eliminate a human error in making a working plan by calculating a delivery time of a work from a preceding process by taking into account the tact time of the following process based on the delivery time of the work from the following process.

SOLUTION: A plan making personal computer 10 calculates a time of introduction to a coating line when a work like a frame is introduced to a coating line 2 from a delivery time when the work is delivered from a coated product supplying line based on basic advancing times in the coating line 2 and the coating line which differ for every **parts** and are memorized in a personal **computer** 11 for managing a **data base**. The plan making personal **computer** 10 daily processes the time of introduction to the coating line calculated by the basic advancing time to make a coating order plan for determining the order of introduction and the time of introduction.

4/5/2 (Item 2 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05359499 \*\*Image available\*\*  
METHOD FOR GENERATING THREE-DIMENSIONAL ASSEMBLY DATA

PUB. NO.: 08-314999 [JP 8314999 A]  
PUBLISHED: November 29, 1996 (19961129)  
INVENTOR(s): MAEDA TAKESHI  
ENYA YOSHINORI  
HORIUCHI MASAHIITO  
APPLICANT(s): SANYO ELECTRIC CO LTD [000188] (A Japanese Company or  
Corporation), JP (Japan)  
APPL. NO.: 07-143887 [JP 95143887]  
FILED: May 17, 1995 (19950517)  
INTL CLASS: [6] **G06F-017/50**; G05B-019/4097  
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 22.3  
(MACHINERY -- Control & Regulation)  
JAPIO KEYWORD:R060 (MACHINERY -- Automatic Design)

#### ABSTRACT

PURPOSE: To attain analysis, etc., by an assembly model by connecting **parts** on a **computer** so as to generate three-dimensional assembly **data based** on three-dimensional data of two parts and assembling information of these parts.

CONSTITUTION: Assembling information is extracted by an extraction part 102 from an assembling drawing 101 provided with connection information of an endpoint node to connect the parts to prepare the data base 3 of assembling information. And, three-dimensional assembly data is prepared based on three-dimensional data of a single item generated from a 2D/3D transformation part 105 based on the two-dimensional drawing 104 of single piping. Namely, three-dimensional data of a single part described in assembling information is read and the number of a connecting destination is set to both endpoint nodes of each part to retrieve the terminal point of a connection opposite side on the parts starting side with the set number. And, a vector at the wiring terminal point of each other is calculated to calculate a rotation angle. Similar processing is made with regard to the terminal point side of parts to rotate- move all the pieces of 3D data of parts. Three-dimensional data of the assembly model is generated by repeating these processing

4/5/13 (Item 9 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
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013230752 \*\*Image available\*\*  
 WPI Acc No: 2000-402626/200035  
 XRPX Acc No: N00-301538

**Predictive maintenance database in computer establishing for defining information needed for user to monitor components by searching master file for components identification information related to identified component type**

Patent Assignee: CSI TECHNOLOGY INC (CSIT-N); GLUMAC M (GLUM-I); HILEMON C G (HILE-I); PIETY K R (PIET-I); REEVES T W (REEV-I); RICH M D (RICH-I)  
 Inventor: GLUMAC M; HILEMON C G; PIETY K R; REEVES T W; RICH M D  
 Number of Countries: 002 Number of Patents: 004  
 Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2345166	A	20000628	GB 9920743	A	19990902	200035 B
US 6192325	B1	20010220	US 98153690	A	19980915	200112
US 20010001851	A1	20010524	US 98153690	A	19980915	200130
			US 2001753595	A	20010102	
GB 2345166	B	20020612	GB 9920743	A	19990902	200239

Priority Applications (No Type Date): US 98153690 A 19980915; US 2001753595 A 20010102

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2345166	A		107	G06F-017/50	
US 6192325	B1			G06F-015/00	
US 20010001851	A1			G06F-015/00	Cont of application US 98153690
GB 2345166	B			G06F-017/50	

Abstract (Basic): GB 2345166 A

NOVELTY - A master file is searched for components identification information (CII) related to identified component type to produce at least one set of CII and selecting it form at least one set of the CII. A database information is constructed for predictive maintenance database for the component to be monitored using the set of the selected CII and the additional information corresponding to the set of the selected CII.

USE - In a predictive maintenance machine.

ADVANTAGE - Provides simplified method for creating predictive maintenance database. Capable of polling the scattered expertise of predictive maintenance modelers and significantly reducing the level of skill and expertise needed to establish adequate predictive maintenance program.

DESCRIPTION OF DRAWING(S) - The drawing is a flow diagram of a program for controlling operation of programmable apparatus.

pp; 107 DwgNo 2/54

Title Terms: PREDICT; MAINTAIN; DATABASE; COMPUTER; ESTABLISH; DEFINE;

INFORMATION; NEED; USER; MONITOR; COMPONENT; SEARCH; MASTER; FILE;  
COMPONENT; IDENTIFY; INFORMATION; RELATED; IDENTIFY; COMPONENT; TYPE  
Derwent Class: T01  
International Patent Class (Main): G06F-015/00 ; G06F-017/50  
International Patent Class (Additional): G06F-017/18  
File Segment: EPI

4/5/15 (Item 11 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013192500 \*\*Image available\*\*  
WPI Acc No: 2000-364373/200031  
Related WPI Acc No: 2000-292448; 2000-636935; 2000-655298; 2001-030895;  
2001-040204; 2001-181241; 2001-334833; 2002-654814  
XRPX Acc No: N00-272703

**Network based server computer configuration management involves  
generating and storing hot plug management database table indicating  
capabilities of computer component characteristics in computer readable  
medium**

Patent Assignee: MICRON ELECTRONICS INC (MICR-N)  
Inventor: BRIGHT K L; CHARI S N; SARTIRANA B  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6058445	A	20000502	US 9746310	A	19970513	200031 B
			US 97942124	A	19971001	

Priority Applications (No Type Date): US 9746310 P 19970513; US 97942124 A  
19971001

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6058445	A	66	G06F-013/00	Provisional application US 9746310

Abstract (Basic): US 6058445 A

NOVELTY - Management database module extended by including selected variables which support addition, removal and exchanging of **components** during operation of **computer**, is compiled to generate binary management **database**. The hot plug management **database** table representing capabilities of characteristics of component of **computer** is generated and stored in **computer** readable medium stored with management **database**.

USE - For managing network based server computer configuration in computer network.

ADVANTAGE - Administrators of centralized server computer removes failed server components and add functioning component without shutting down the servers. Since the hot plug variables both identify component as well as represent states and capabilities of component the hot plug variable operate as command to predetermined components. Retrieves current hot plug variables from another computer by executing retrieved data routine designed to request, retrieve and store hot plug variables at predetermined time interval thereby maintains current information regarding the status and capabilities of components in managed computer. Leverages existing software management tools by defining and organizing hot plug variables according to hierarchical data storage model called management information bus, thereby allows support hot plug operations independent of any particular operating system or computer environment and also facilitates performing hot plug operations remotely over a network.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of computer network.

pp; 66 DwgNo 2/10

Title Terms: NETWORK; BASED; SERVE; COMPUTER; CONFIGURATION; MANAGEMENT;  
GENERATE; STORAGE; HOT; PLUG; MANAGEMENT; DATABASE; TABLE; INDICATE;  
CAPABLE; COMPUTER; COMPONENT; CHARACTERISTIC; COMPUTER; READ; MEDIUM  
Derwent Class: T01  
International Patent Class (Main): G06F-013/00



International Patent Class (Additional): G06F-013/00  
File Segment: EPI

4/5/22 (Item 18 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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012815562 \*\*Image available\*\*  
WPI Acc No: 1999-621793/199954  
XRPX Acc No: N99-458795

**Hardware equipment database configuring process e.g. for databases  
containing information for the operation of data and voice audio  
telecommunications switches**

Patent Assignee: LUCENT TECHNOLOGIES INC (LUCE )  
Inventor: LENNERT J F; LEV J W; MAHANEY W T; ROS C  
Number of Countries: 027 Number of Patents: 003  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 952699	A2	19991027	EP 99302438	A	19990329	199954 B
JP 2000209624	A	20000728	JP 9995759	A	19990402	200041
US 6169994	B1	20010102	US 9854207	A	19980402	200103

Priority Applications (No Type Date): US 9854207 A 19980402

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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EP 952699	A2	E 19	H04L-012/24	
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI

JP 2000209624	A	48	H04Q-003/545
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US 6169994	B1		G06F-017/30
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Abstract (Basic): EP 952699 A2

NOVELTY - The process involves selecting at least one source database containing switching equipment hardware data, searching for switching equipment hardware data elements data fields, selecting switching equipment hardware data elements data from the switching equipment hardware data elements data fields, and copying the switching equipment hardware data elements data from the source database to a new database. Subscribers are then matched to the switching equipment hardware data elements data in the new database.

USE - For databases containing information for the operation of data and voice audio telecommunications switches.

ADVANTAGE - Provides robust process. Saves time, money and decreases market-to-market product and service schedules of telecommunication switch operator.

DESCRIPTION OF DRAWING(S) - The figure shows the operation of the **computer** program as it builds a new **database** from **parts** of other **databases**.

pp; 19 DwgNo 3/10

Title Terms: HARDWARE; EQUIPMENT; DATABASE; PROCESS; CONTAIN; INFORMATION;  
OPERATE; DATA; VOICE; AUDIO; TELECOMMUNICATION; SWITCH

Derwent Class: T01; W01

International Patent Class (Main): G06F-017/30 ; H04L-012/24; H04Q-003/545

International Patent Class (Additional): H04L-012/26; H04L-012/28;

H04L-012/56

File Segment: EPI